

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY092619\
 Data File : VY000147.D
 Acq On : 26 Sep 2019 12:19
 Operator : SY/MD
 Sample : VSTDIC150
 Misc : 5.00g/5.00ml/MSVOA Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 26 14:04:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y092619S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 26 14:00:10 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.79	168	198764	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	316739	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	278008	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	134078	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.14	65	253015	145.35	ug/l	0.00
Spiked Amount			Recovery	=	290.70%	
35) Dibromofluoromethane	7.72	113	252283	152.09	ug/l	0.00
Spiked Amount			Recovery	=	304.18%	
50) Toluene-d8	10.18	98	1073759	152.97	ug/l	0.00
Spiked Amount			Recovery	=	305.94%	
62) 4-Bromofluorobenzene	12.48	95	349745	136.70	ug/l	0.00
Spiked Amount			Recovery	=	273.40%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.90	85	188772	119.475	ug/l	96
3) Chloromethane	2.11	50	283466	122.948	ug/l	97
4) Vinyl Chloride	2.24	62	336727	135.938	ug/l	98
5) Bromomethane	2.61	94	209381	125.356	ug/l	97
6) Chloroethane	2.77	64	209999	136.562	ug/l	97
7) Trichlorofluoromethane	3.12	101	403980	135.302	ug/l	98
8) Diethyl Ether	3.52	74	158842	133.436	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.89	101	263727	135.317	ug/l	98
10) Methyl Iodide	4.08	142	451154	150.133	ug/l	99
11) Tert butyl alcohol	4.98	59	107229	616.592	ug/l	95
12) 1,1-Dichloroethene	3.86	96	278526	136.274	ug/l	98
13) Acrolein	3.72	56	158428	733.565	ug/l	95
14) Allyl chloride	4.47	41	359017	140.371	ug/l	98
15) Acrylonitrile	5.17	53	367079	678.051	ug/l	99
16) Acetone	3.94	43	263508	617.814	ug/l	100
17) Carbon Disulfide	4.19	76	852431	134.455	ug/l	99
18) Methyl Acetate	4.48	43	170530	135.093	ug/l	95
19) Methyl tert-butyl Ether	5.22	73	657890	135.966	ug/l	93
20) Methylene Chloride	4.71	84	295423	119.930	ug/l	98
21) trans-1,2-Dichloroethene	5.21	96	308625	135.528	ug/l	92
22) Diisopropyl ether	6.11	45	765806	142.475	ug/l	95
23) Vinyl Acetate	6.07	43	2503104	743.080	ug/l	99
24) 1,1-Dichloroethane	6.02	63	449038	138.004	ug/l	99
25) 2-Butanone	6.99	43	458873	686.659	ug/l	96
26) 2,2-Dichloropropane	6.98	77	397837	134.468	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	342841	135.469	ug/l	97
28) Bromochloromethane	7.33	49	189224	152.642	ug/l	98
29) Tetrahydrofuran	7.35	42	287355	697.520	ug/l	96
30) Chloroform	7.51	83	463448	136.090	ug/l	97
31) Cyclohexane	7.78	56	433800	128.956	ug/l	97
32) 1,1,1-Trichloroethane	7.70	97	417129	139.691	ug/l	99
36) 1,1-Dichloropropene	7.92	75	374337	142.216	ug/l	100
37) Ethyl Acetate	7.08	43	190940	137.321	ug/l	99
38) Carbon Tetrachloride	7.90	117	380858	148.216	ug/l	98

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

39) Methylcyclohexane	9.18	83	535460	143.425	ug/l	98
40) Benzene	8.16	78	1181988	142.157	ug/l	100
41) Methacrylonitrile	7.35	41	259111	343.684	ug/l #	100
42) 1,2-Dichloroethane	8.24	62	292145	144.408	ug/l	99
43) Isopropyl Acetate	8.28	43	374987	145.994	ug/l	98
44) Trichloroethene	8.94	130	371561	139.839	ug/l	95
45) 1,2-Dichloropropane	9.22	63	267813	146.011	ug/l	94
46) Dibromomethane	9.31	93	156698	139.985	ug/l	96
47) Bromodichloromethane	9.50	83	368868	146.193	ug/l	92
48) Methyl methacrylate	9.30	41	166621	144.869	ug/l	95
49) 1,4-Dioxane	9.30	88	49164	2842.808	ug/l	96
51) 4-Methyl-2-Pentanone	10.07	43	955401	716.644	ug/l	99
52) Toluene	10.24	92	765984	142.250	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	388367	146.531	ug/l	97
54) cis-1,3-Dichloropropene	9.93	75	451001	143.586	ug/l	97
55) 1,1,2-Trichloroethane	10.64	97	234244	140.734	ug/l	97
56) Ethyl methacrylate	10.51	69	312511	144.341	ug/l	99
57) 1,3-Dichloropropane	10.79	76	375539	140.404	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.78	63	788325	775.206	ug/l	98
59) 2-Hexanone	10.83	43	678403	715.979	ug/l	100
60) Dibromochloromethane	10.99	129	271369	144.227	ug/l	99
61) 1,2-Dibromoethane	11.09	107	222580	140.136	ug/l	100
64) Tetrachloroethene	10.72	164	396427	143.947	ug/l	97
65) Chlorobenzene	11.51	112	822091	142.097	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	281089	143.782	ug/l	99
67) Ethyl Benzene	11.59	91	1411961	142.774	ug/l	98
68) m/p-Xylenes	11.70	106	1126414	281.750	ug/l	96
69) o-Xylene	12.02	106	538631	141.263	ug/l	99
70) Styrene	12.04	104	936328	145.103	ug/l	99
71) Bromoform	12.20	173	171857	149.596	ug/l #	98
73) Isopropylbenzene	12.33	105	1392550	143.952	ug/l	99
74) N-amyl acetate	12.14	43	349746	149.364	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	203105	134.884	ug/l	100
76) 1,2,3-Trichloropropane	12.63	75	336974	255.158	ug/l #	100
77) Bromobenzene	12.61	156	333651	139.615	ug/l	98
78) n-propylbenzene	12.67	91	1641693	142.362	ug/l	100
79) 2-Chlorotoluene	12.75	91	886029	141.211	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	1137907	141.406	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	98209	145.039	ug/l	98
82) 4-Chlorotoluene	12.85	91	934889	143.005	ug/l	98
83) tert-Butylbenzene	13.07	119	970878	140.103	ug/l	99
84) 1,2,4-Trimethylbenzene	13.11	105	1138649	140.016	ug/l	99
85) sec-Butylbenzene	13.25	105	1411822	141.903	ug/l	99
86) p-Isopropyltoluene	13.36	119	1243855	140.390	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	621096	135.641	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	639582	140.320	ug/l	100
89) n-Butylbenzene	13.69	91	1208897	143.574	ug/l	99
90) Hexachloroethane	13.95	117	238726	142.621	ug/l	97
91) 1,2-Dichlorobenzene	13.74	146	581298	138.944	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.35	75	42806	144.077	ug/l	99

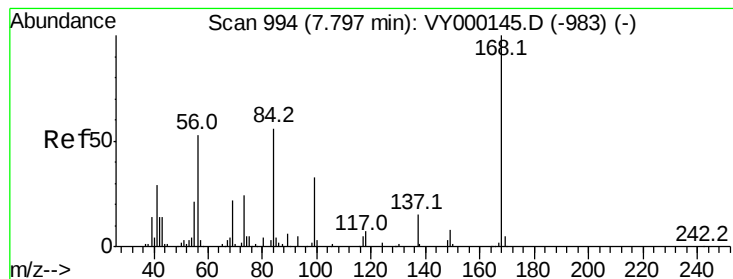
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	407473	140.378	ug/l	100
94) Hexachlorobutadiene	15.11	225	206879	146.074	ug/l	98
95) Naphthalene	15.23	128	916698	141.040	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	368526	141.561	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.01 min

Lab File: VY000147.D

Acq: 26 Sep 2019 12:19

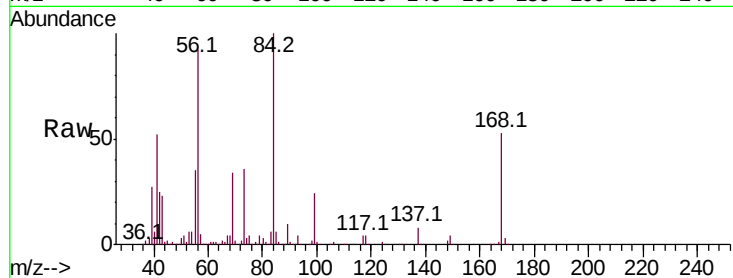
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:168 Resp: 198764

Ion Ratio Lower Upper

168 100

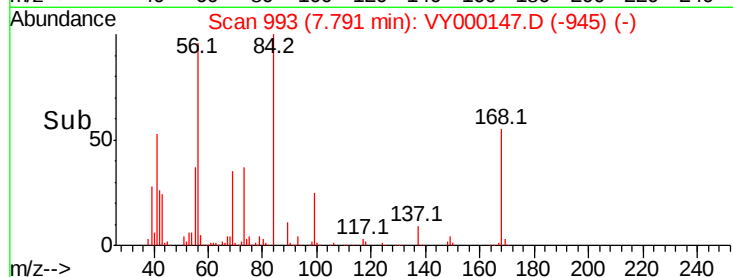
99 45.2 37.9 56.9



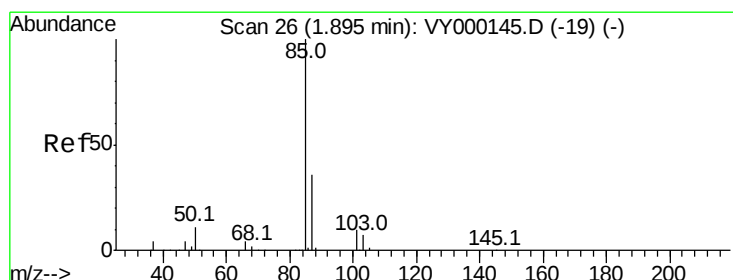
Abundance Ion 167.90 (167.60 to 168.60): VY000145.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY000145.D (-983) (-)

7.79



Time-->



#2

Dichlorodifluoromethane

Concen: 119.475 ug/l

RT: 1.90 min Scan# 26

Delta R.T. 0.00 min

Lab File: VY000147.D

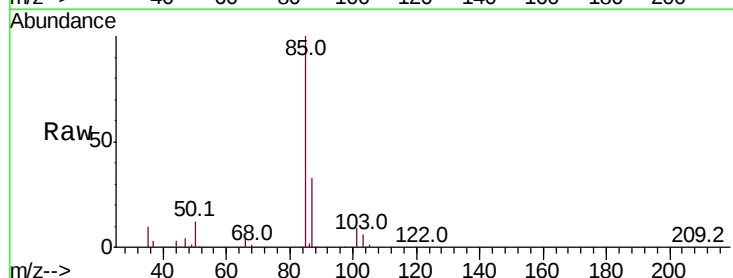
Acq: 26 Sep 2019 12:19

Tgt Ion: 85 Resp: 188772

Ion Ratio Lower Upper

85 100

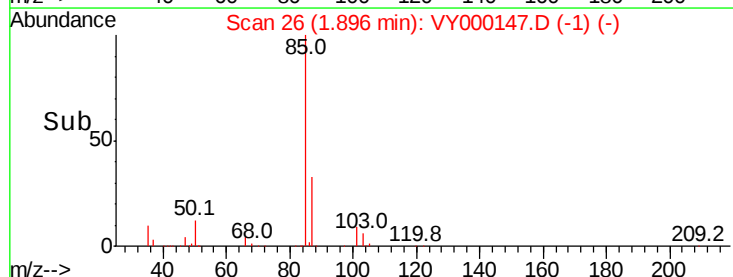
87 33.5 17.9 53.8



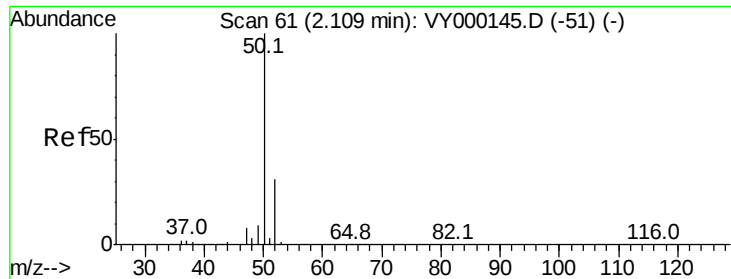
Abundance Ion 84.90 (84.60 to 85.60): VY000145.D (-19) (-)

Ion 86.90 (86.60 to 87.60): VY000145.D (-19) (-)

1.90



Time-->



#3

Chloromethane

Concen: 122.948 ug/l

RT: 2.11 min Scan# 61

Delta R.T. 0.00 min

Lab File: VY000147.D

Acq: 26 Sep 2019 12:19

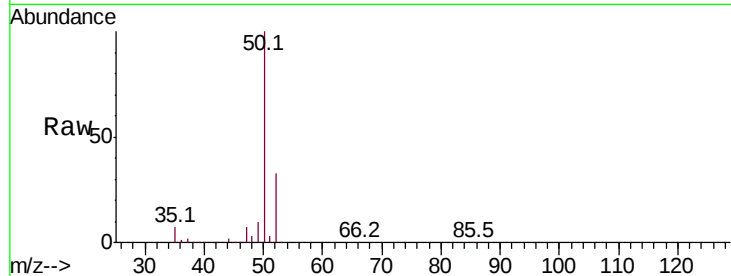
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 50 Resp: 283466

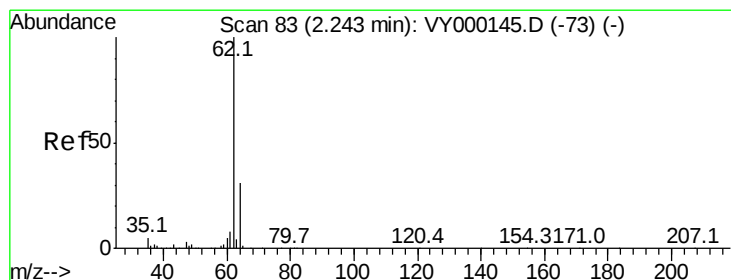
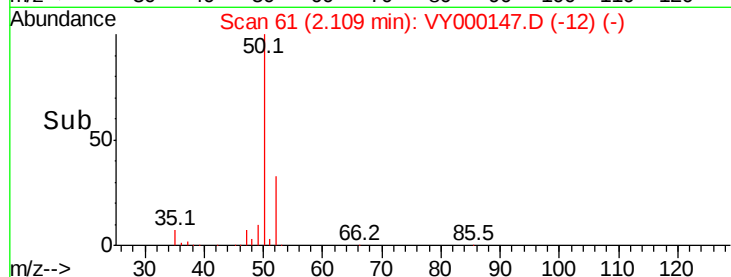
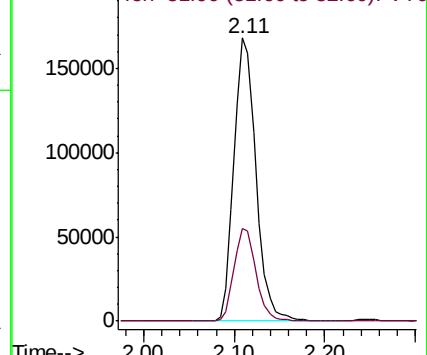
Ion Ratio Lower Upper

50 100

52 32.9 25.0 37.6



Abundance Ion 49.90 (49.60 to 50.60): VY0
Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 135.938 ug/l

RT: 2.24 min Scan# 83

Delta R.T. 0.00 min

Lab File: VY000147.D

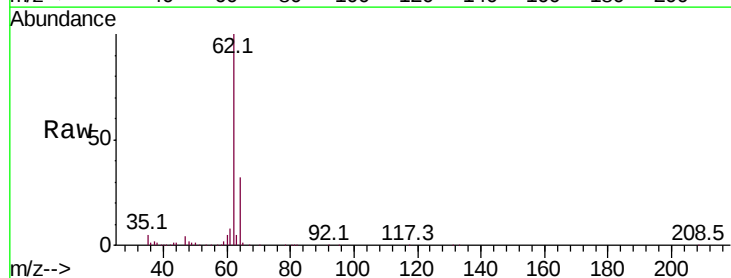
Acq: 26 Sep 2019 12:19

Tgt Ion: 62 Resp: 336727

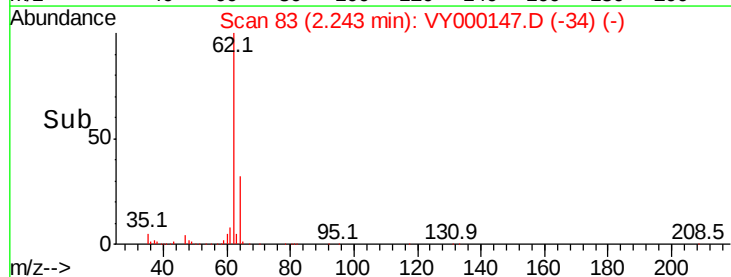
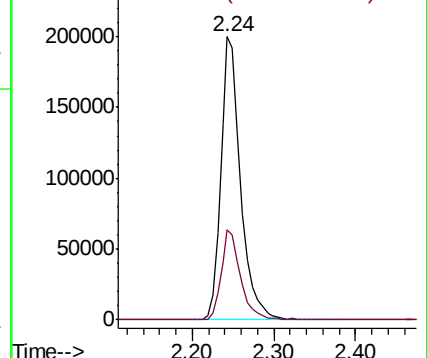
Ion Ratio Lower Upper

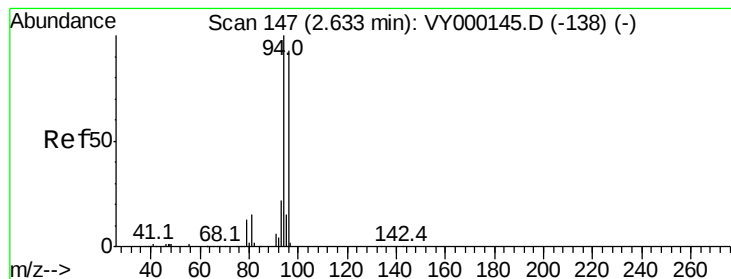
62 100

64 31.7 24.5 36.7



Abundance Ion 61.90 (61.60 to 62.60): VY0
Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 125.356 ug/l

RT: 2.61 min Scan# 143

Delta R.T. -0.02 min

Lab File: VY000147.D

Acq: 26 Sep 2019 12:19

Instrument :

MSVOA_Y

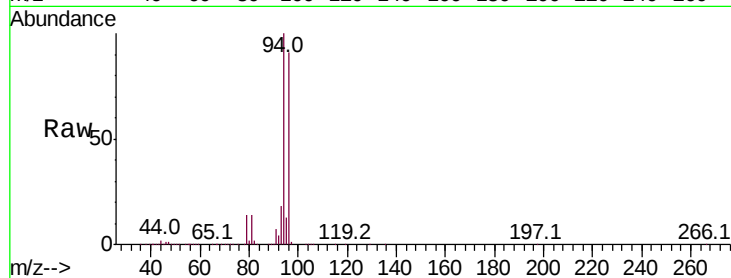
ClientSampleId :

Tot Ion: 94 Resp: 209381

Ion Ratio Lower Upper

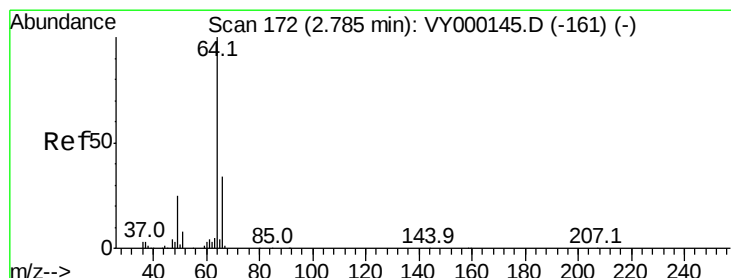
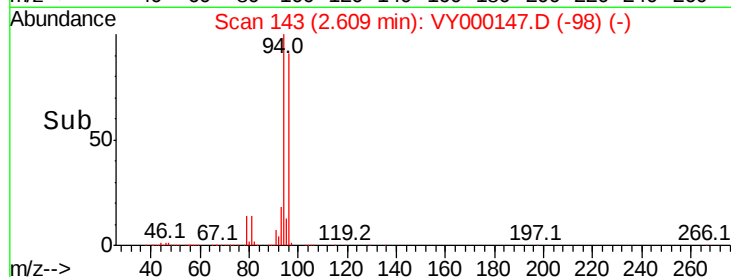
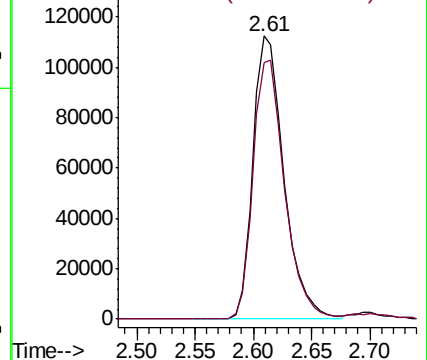
94 100

96 90.7 74.6 111.8



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 136.562 ug/l

RT: 2.77 min Scan# 169

Delta R.T. -0.02 min

Lab File: VY000147.D

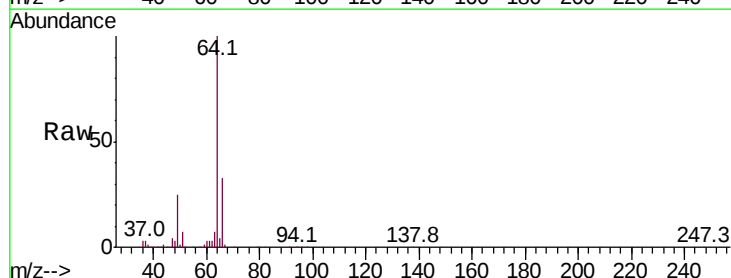
Acq: 26 Sep 2019 12:19

Tgt Ion: 64 Resp: 209999

Ion Ratio Lower Upper

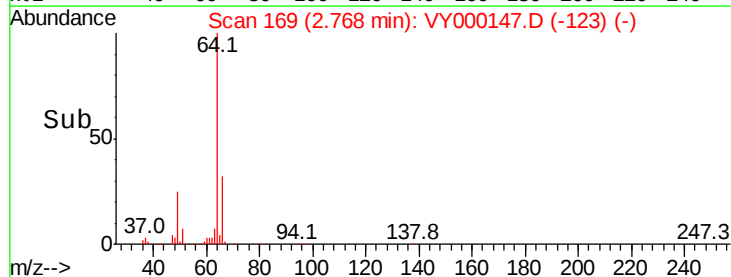
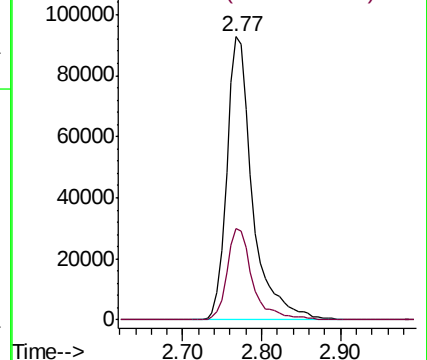
64 100

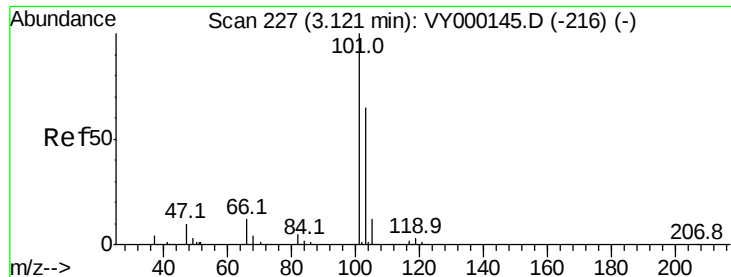
66 32.5 27.4 41.0



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



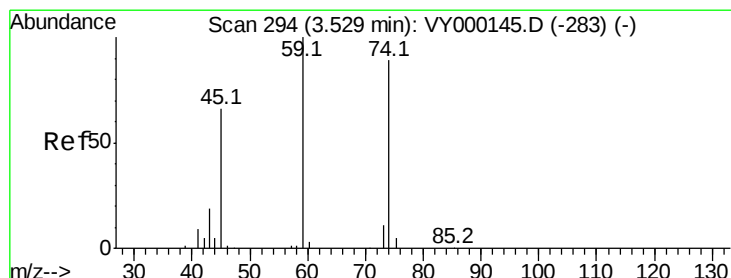
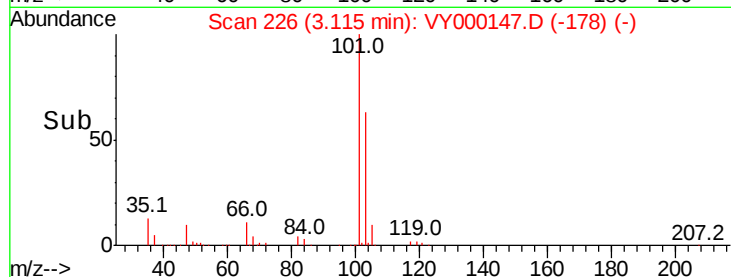
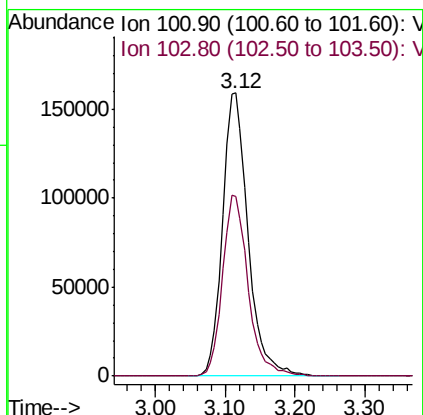
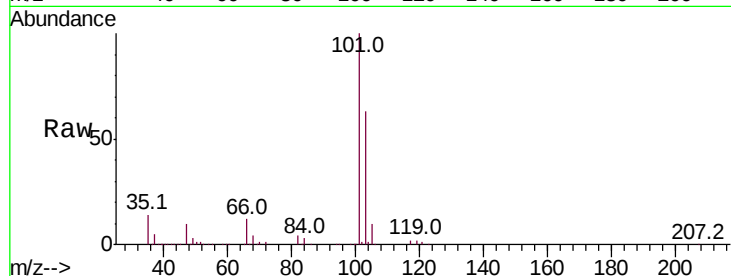


#7

Trichlorofluoromethane
 Concen: 135.302 ug/l
 RT: 3.12 min Scan# 226
 Delta R.T. -0.01 min
 Lab File: VY000147.D
 Acq: 26 Sep 2019 12:19

Instrument :
 MSVOA_Y
 ClientSampleId :

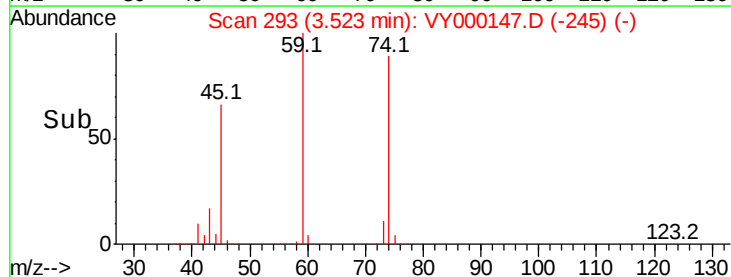
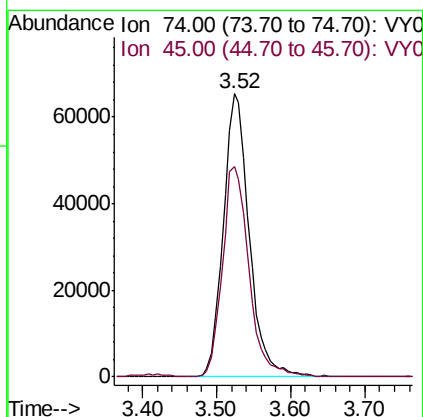
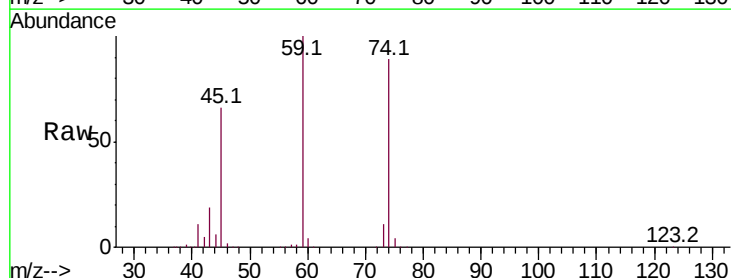
Tot Ion:101 Resp: 403980
 Ion Ratio Lower Upper
 101 100
 103 63.4 51.9 77.9

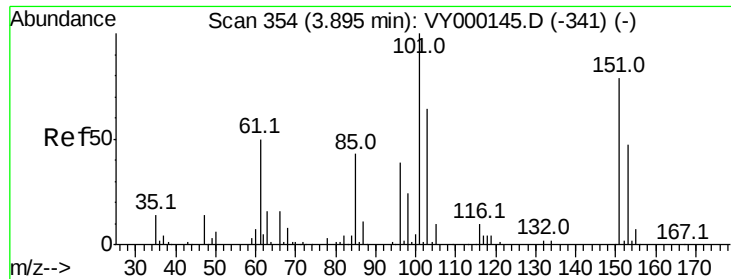


#8

Diethyl Ether
 Concen: 133.436 ug/l
 RT: 3.52 min Scan# 293
 Delta R.T. -0.01 min
 Lab File: VY000147.D
 Acq: 26 Sep 2019 12:19

Tgt Ion: 74 Resp: 158842
 Ion Ratio Lower Upper
 74 100
 45 76.4 37.7 113.1

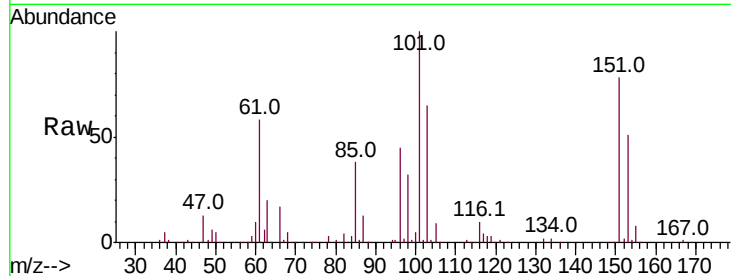




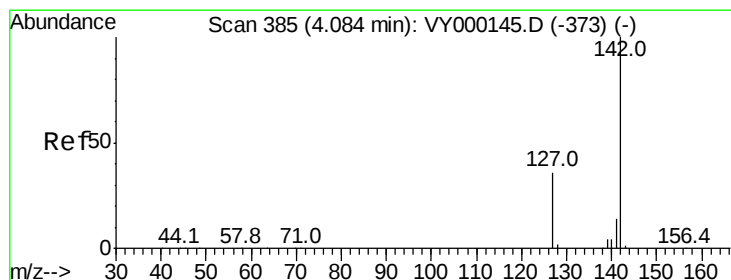
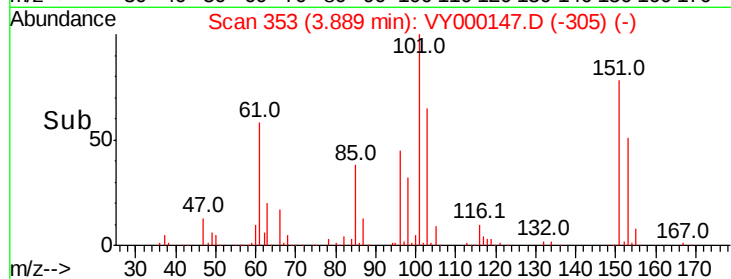
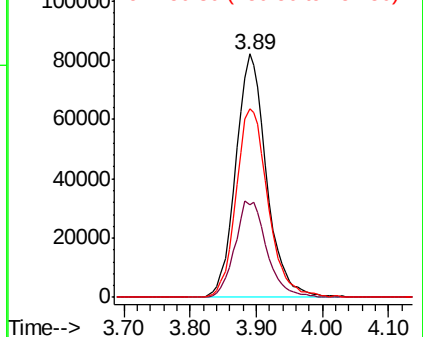
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 135.317 ug/l
 RT: 3.89 min Scan# 353
 Delta R.T. -0.01 min
 Lab File: VY000147.D
 Acq: 26 Sep 2019 12:19

Instrument :
 MSVOA_Y
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
101	100		
85	41.1	34.8	52.2
151	80.7	64.0	96.0

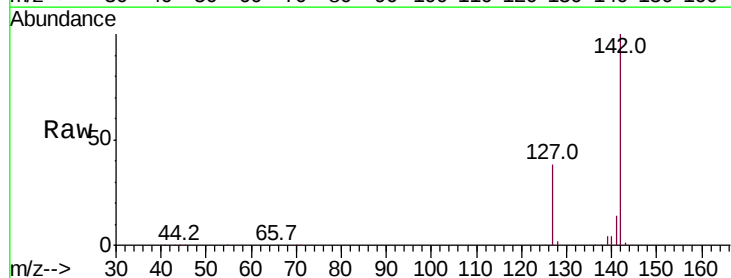


Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 84.90 (84.60 to 85.60): VY0
 Ion 150.80 (150.50 to 151.50): V

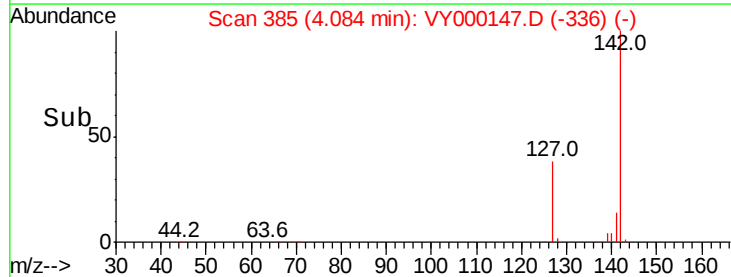
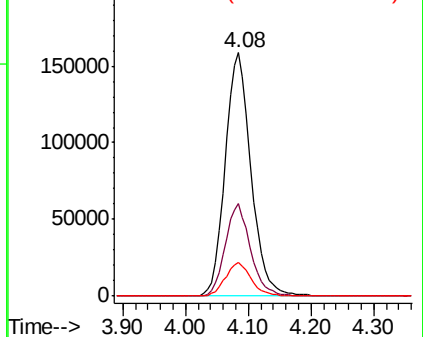


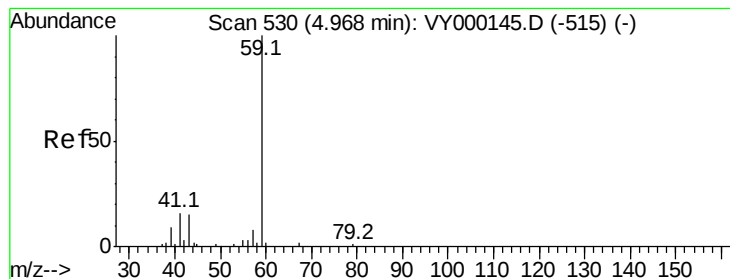
#10
 Methyl Iodide
 Concen: 150.133 ug/l
 RT: 4.08 min Scan# 385
 Delta R.T. 0.00 min
 Lab File: VY000147.D
 Acq: 26 Sep 2019 12:19

Tgt Ion	Ratio	Lower	Upper
142	100		
127	37.1	30.0	45.0
141	13.8	11.0	16.6



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



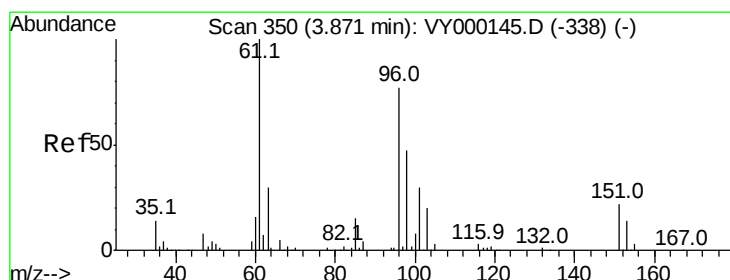
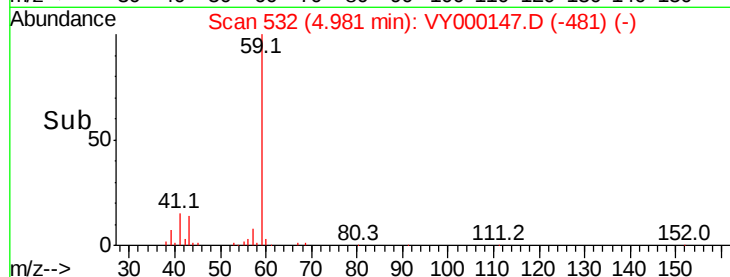
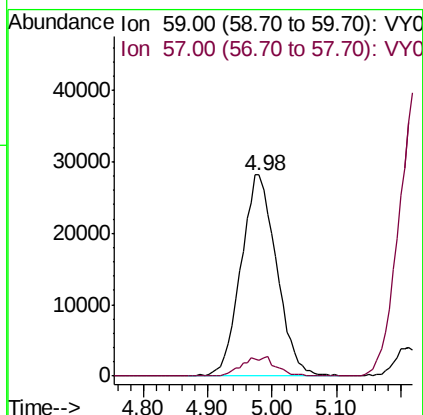
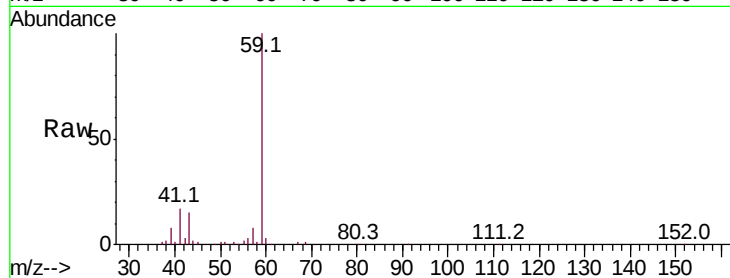


#11

Tert butyl alcohol
Concen: 616.592 ug/l
RT: 4.98 min Scan# 532
Delta R.T. 0.01 min
Lab File: VY000147.D
Acq: 26 Sep 2019 12:19

Instrument :
MSVOA_Y
ClientSampleId :

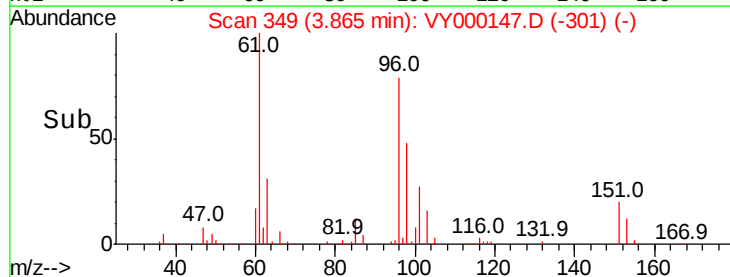
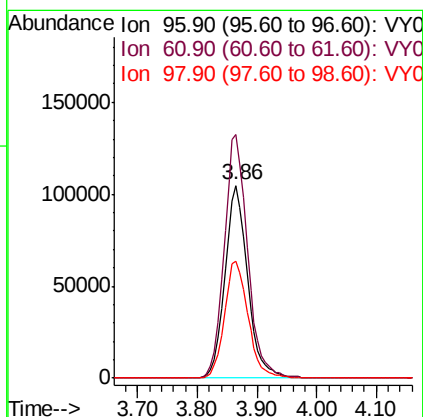
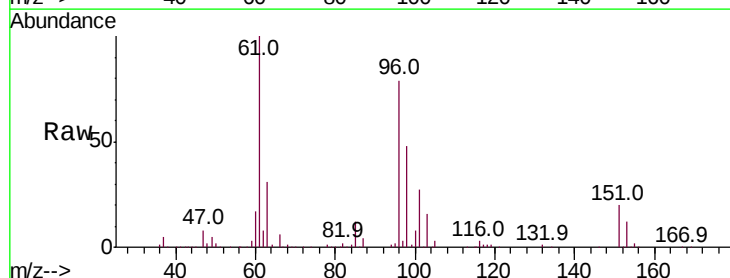
Tot Ion: 59 Resp: 107229
Ion Ratio Lower Upper
59 100
57 9.2 8.9 13.3

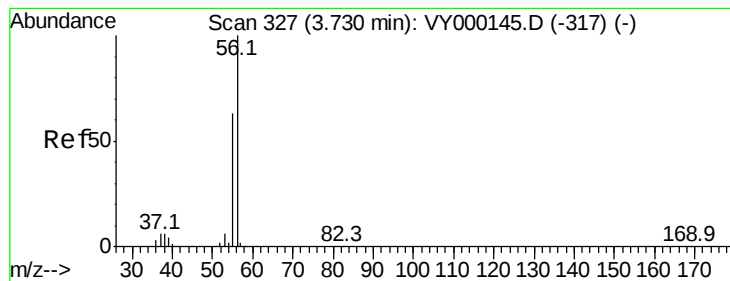


#12

1,1-Dichloroethene
Concen: 136.274 ug/l
RT: 3.86 min Scan# 349
Delta R.T. -0.01 min
Lab File: VY000147.D
Acq: 26 Sep 2019 12:19

Tgt Ion: 96 Resp: 278526
Ion Ratio Lower Upper
96 100
61 126.3 103.6 155.4
98 60.3 48.7 73.1





#13

Acrolein

Concen: 733.565 ug/l

RT: 3.72 min Scan# 326

Delta R.T. -0.01 min

Lab File: VY000147.D

Acq: 26 Sep 2019 12:19

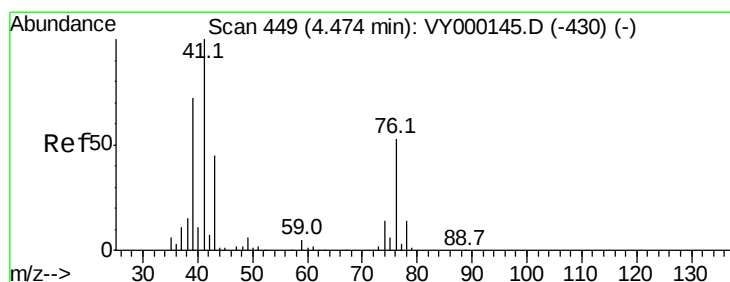
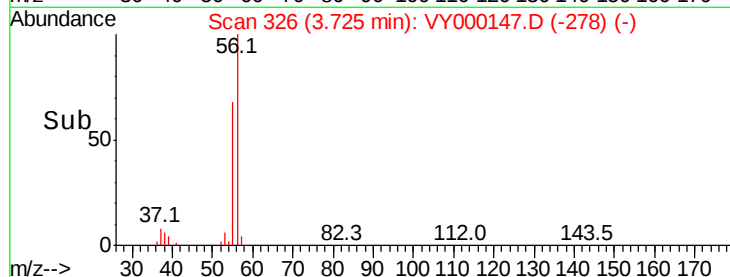
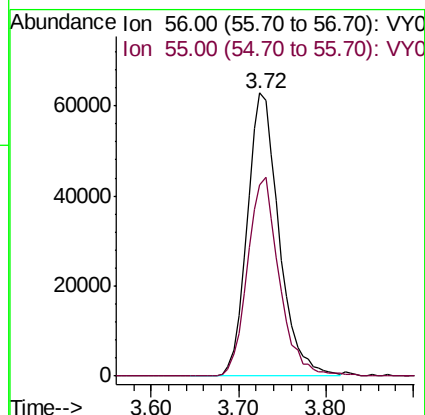
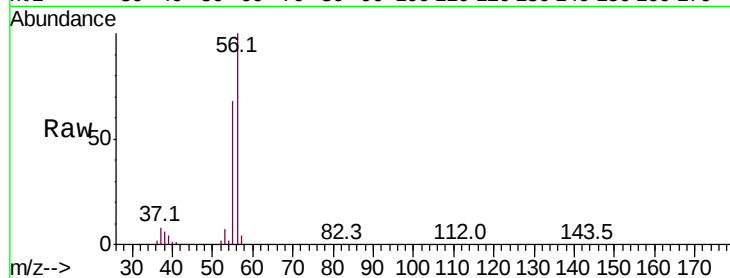
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 56 Resp: 158428

Ion Ratio Lower Upper

56 100

55 70.4 53.1 79.7



#14

Allyl chloride

Concen: 140.371 ug/l

RT: 4.47 min Scan# 449

Delta R.T. 0.00 min

Lab File: VY000147.D

Acq: 26 Sep 2019 12:19

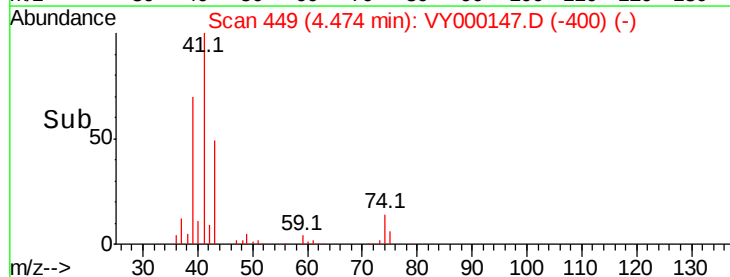
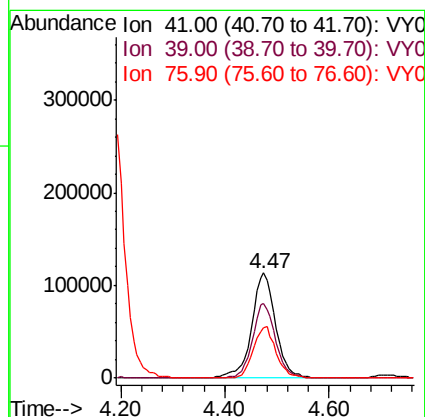
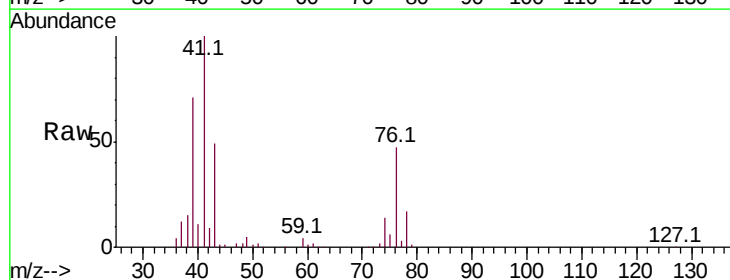
Tgt Ion: 41 Resp: 359017

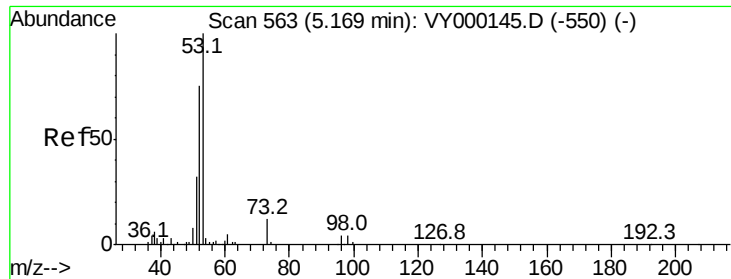
Ion Ratio Lower Upper

41 100

39 68.6 54.6 82.0

76 46.7 39.0 58.6





#15

Acrylonitrile

Concen: 678.051 ug/l

RT: 5.17 min Scan# 563

Delta R.T. 0.00 min

Lab File: VY000147.D

Acq: 26 Sep 2019 12:19

Instrument :

MSVOA_Y

ClientSampleId :

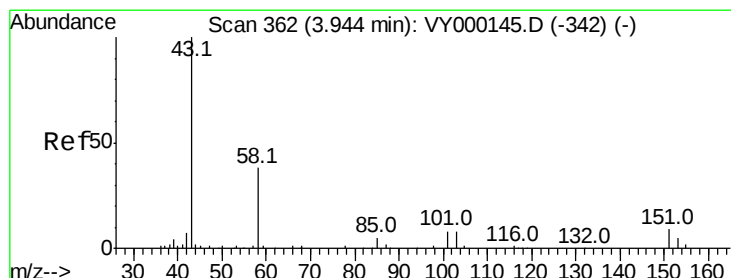
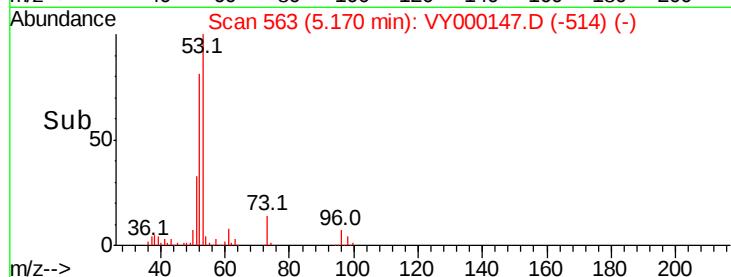
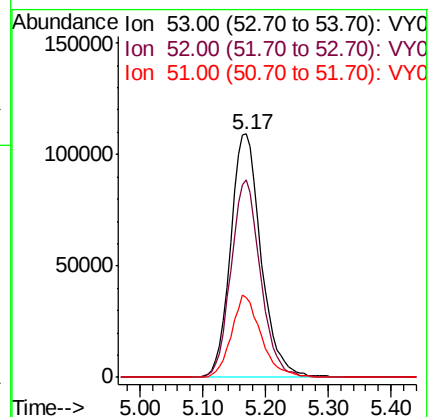
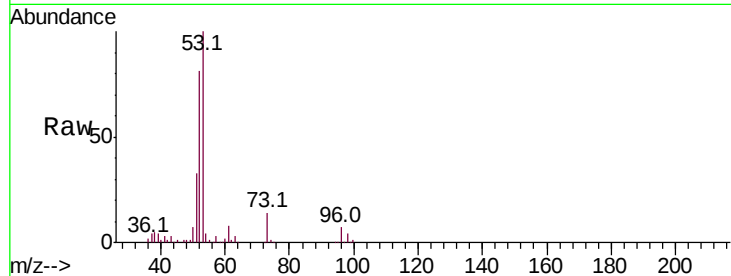
Tot Ion: 53 Resp: 367079

Ion Ratio Lower Upper

53 100

52 78.5 62.9 94.3

51 32.9 27.5 41.3



#16

Acetone

Concen: 617.814 ug/l

RT: 3.94 min Scan# 362

Delta R.T. 0.00 min

Lab File: VY000147.D

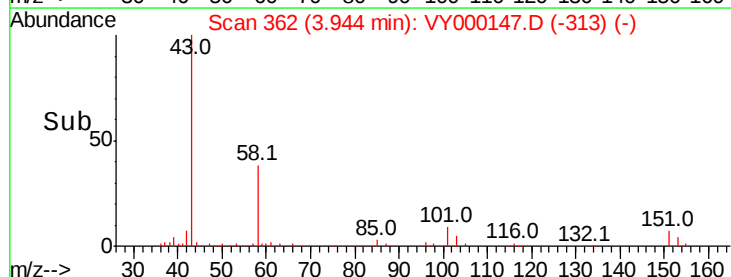
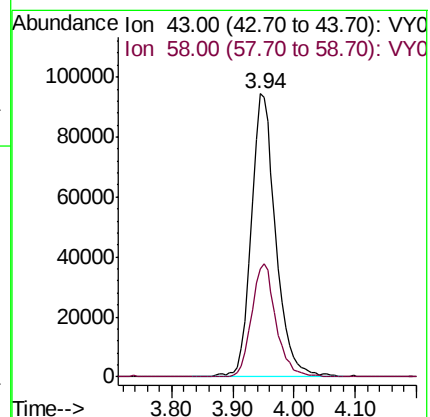
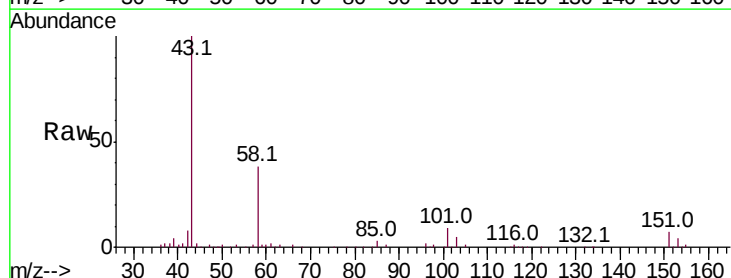
Acq: 26 Sep 2019 12:19

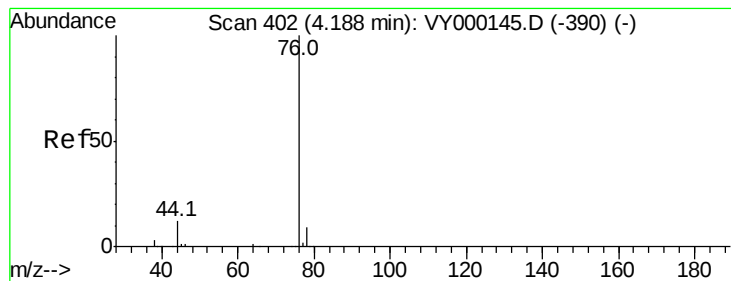
Tgt Ion: 43 Resp: 263508

Ion Ratio Lower Upper

43 100

58 37.9 30.4 45.6





#17

Carbon Disulfide

Concen: 134.455 ug/l

RT: 4.19 min Scan# 402

Delta R.T. 0.00 min

Lab File: VY000147.D

Acq: 26 Sep 2019 12:19

Instrument :

MSVOA_Y

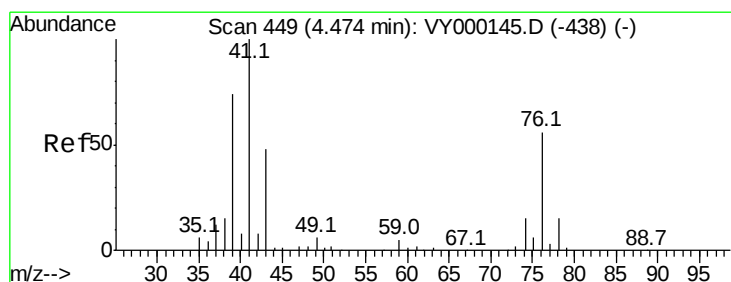
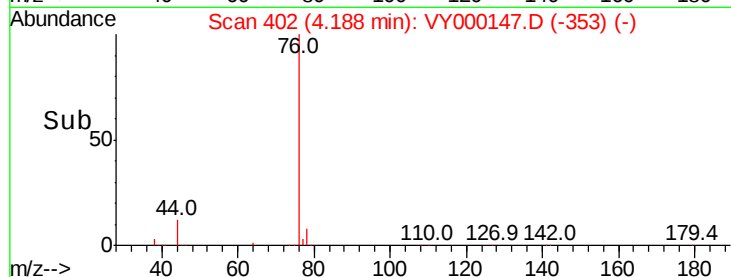
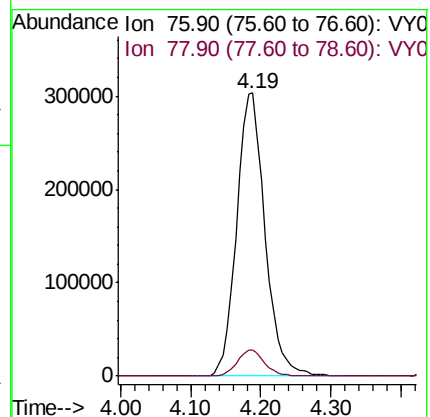
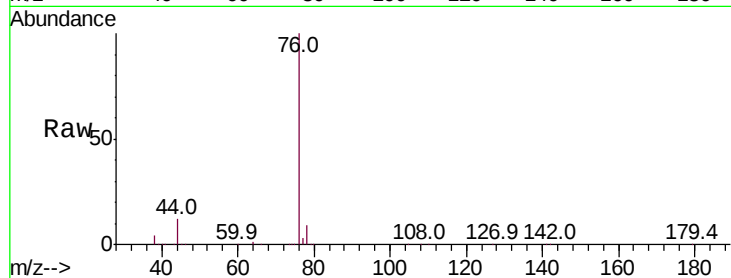
ClientSampleId :

Tot Ion: 76 Resp: 852431

Ion Ratio Lower Upper

76 100

78 9.1 7.0 10.4



#18

Methyl Acetate

Concen: 135.093 ug/l

RT: 4.48 min Scan# 450

Delta R.T. 0.01 min

Lab File: VY000147.D

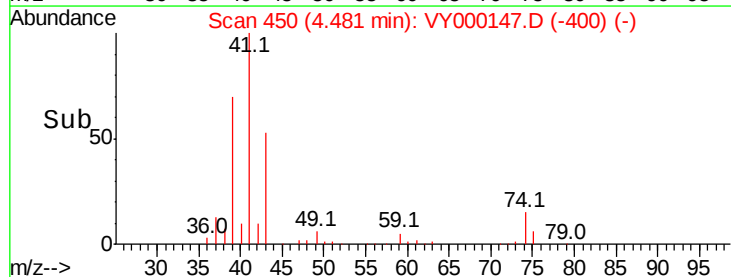
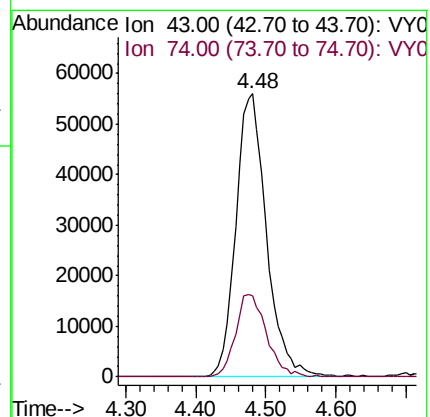
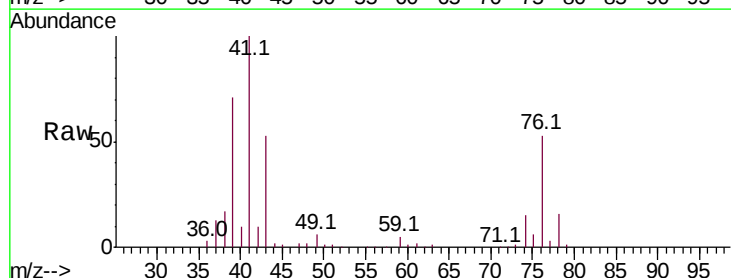
Acq: 26 Sep 2019 12:19

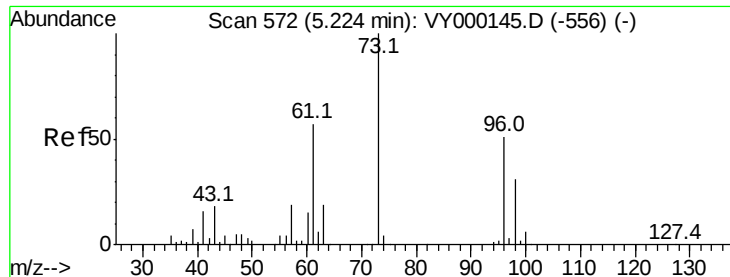
Tgt Ion: 43 Resp: 170530

Ion Ratio Lower Upper

43 100

74 29.3 25.6 38.4

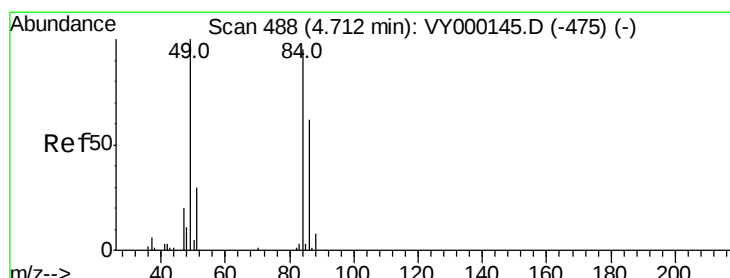
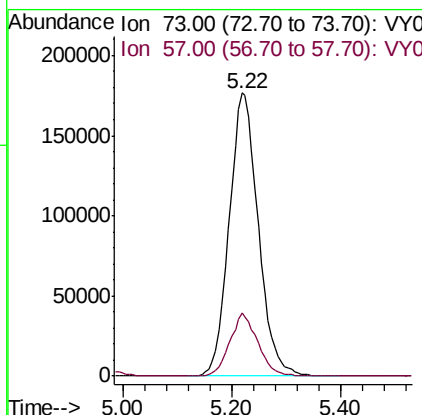
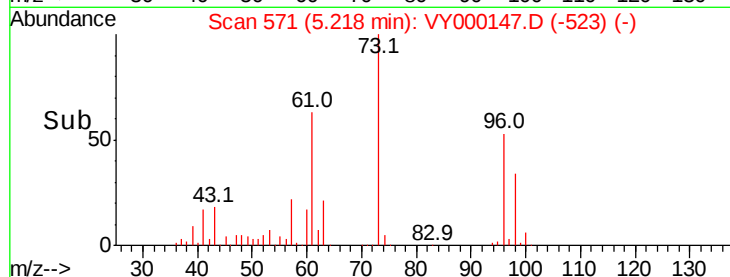
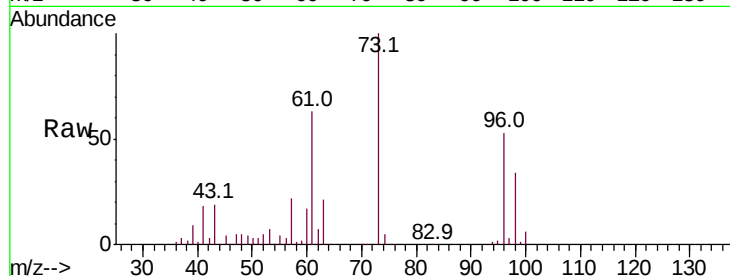




#19
Methvl tert-butvl Ether
Concen: 135.966 ug/l
RT: 5.22 min Scan# 571
Delta R.T. -0.01 min
Lab File: VY000147.D
Acq: 26 Sep 2019 12:19

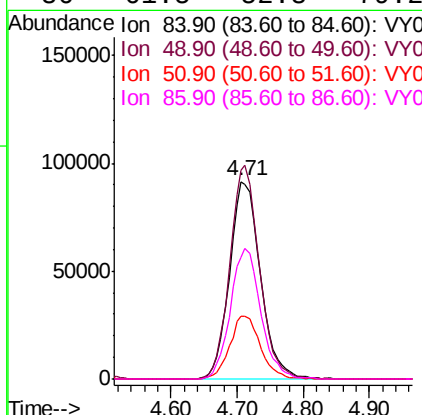
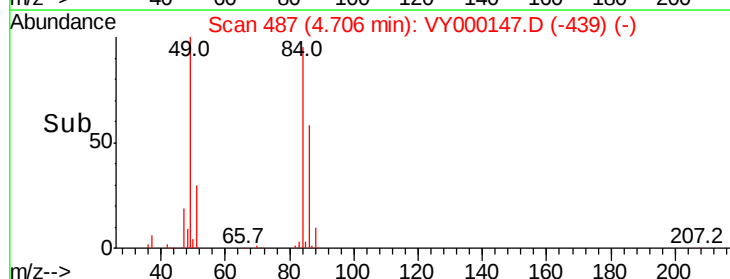
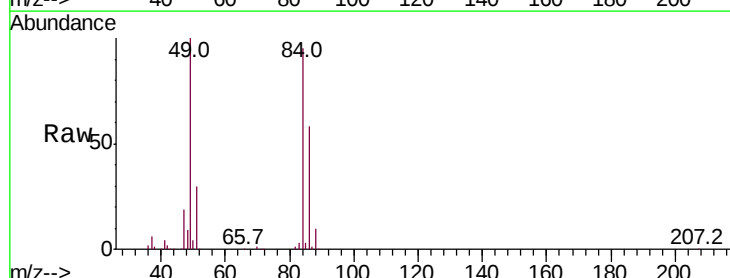
Instrument :
MSVOA_Y
ClientSampleId :

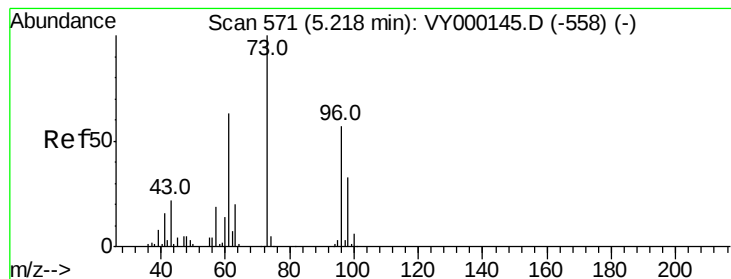
Tot Ion: 73 Resp: 657890
Ion Ratio Lower Upper
73 100
57 22.4 15.5 23.3



#20
Methylene Chloride
Concen: 119.930 ug/l
RT: 4.71 min Scan# 487
Delta R.T. -0.01 min
Lab File: VY000147.D
Acq: 26 Sep 2019 12:19

Tgt Ion: 84 Resp: 295423
Ion Ratio Lower Upper
84 100
49 105.6 84.6 126.8
51 31.7 25.4 38.2
86 61.5 52.8 79.2





#21

trans-1,2-Dichloroethene

Concen: 135.528 ug/l

RT: 5.21 min Scan# 570

Delta R.T. -0.01 min

Lab File: VY000147.D

Acq: 26 Sep 2019 12:19

Instrument :
MSVOA_Y
ClientSampleId :

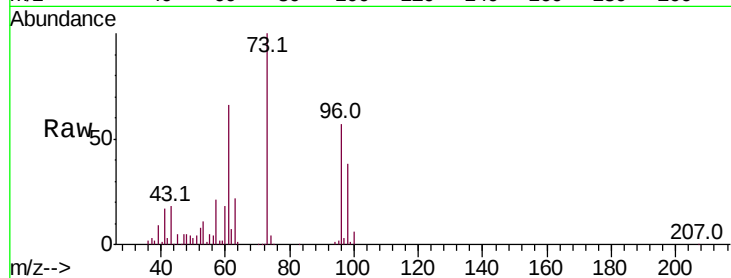
Tot Ion: 96 Resp: 308625

Ion Ratio Lower Upper

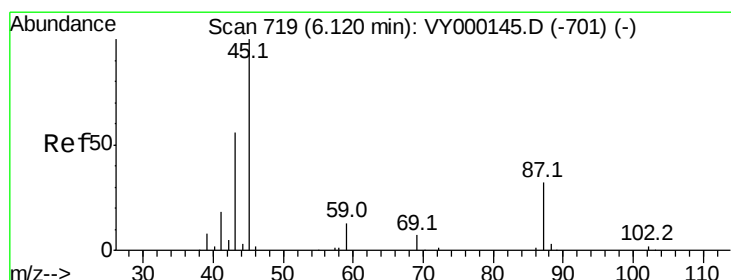
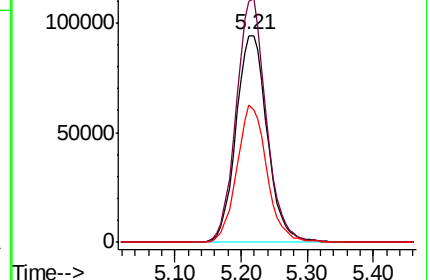
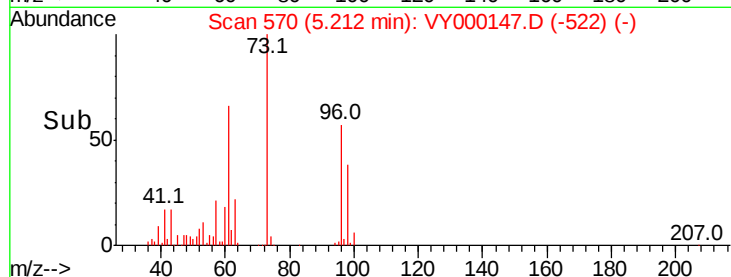
96 100

61 116.4 88.0 132.0

98 66.4 45.6 68.4



Abundance Ion 95.90 (95.60 to 96.60): VY0
150000
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



#22

Diisopropyl ether

Concen: 142.475 ug/l

RT: 6.11 min Scan# 718

Delta R.T. -0.01 min

Lab File: VY000147.D

Acq: 26 Sep 2019 12:19

Tgt Ion: 45 Resp: 765806

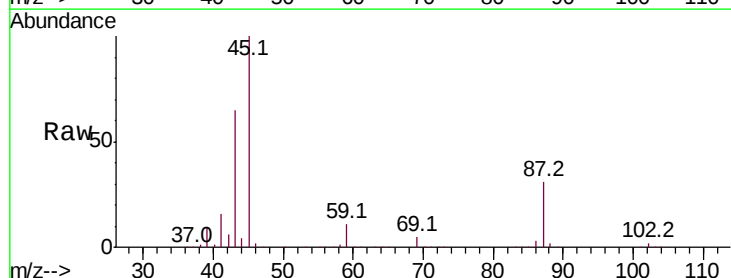
Ion Ratio Lower Upper

45 100

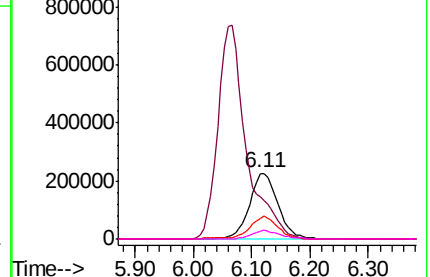
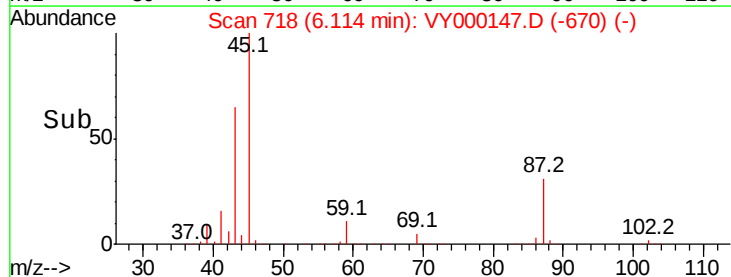
43 64.9 48.4 72.6

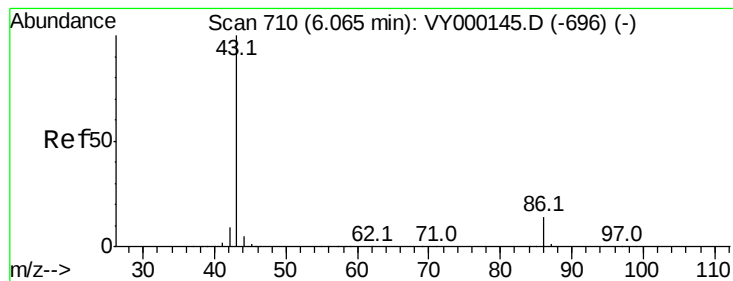
87 31.3 26.6 39.8

59 11.3 10.5 15.7



Abundance Ion 45.00 (44.70 to 45.70): VY0
1000000
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: 743.080 ug/l

RT: 6.07 min Scan# 710

Delta R.T. 0.00 min

Lab File: VY000147.D

Acq: 26 Sep 2019 12:19

Instrument :

MSVOA_Y

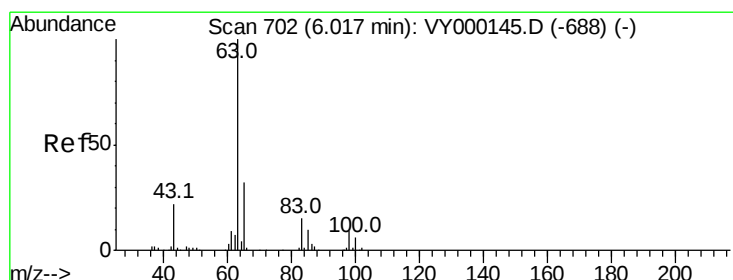
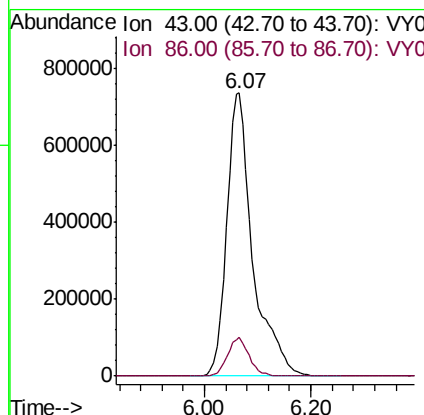
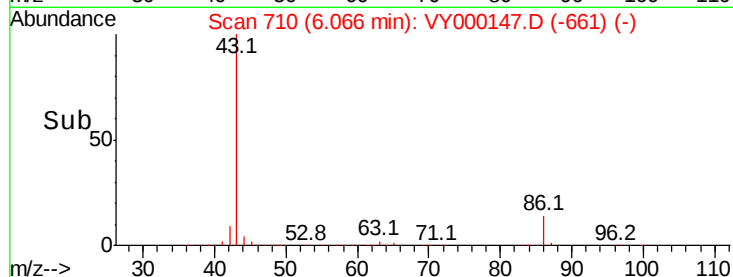
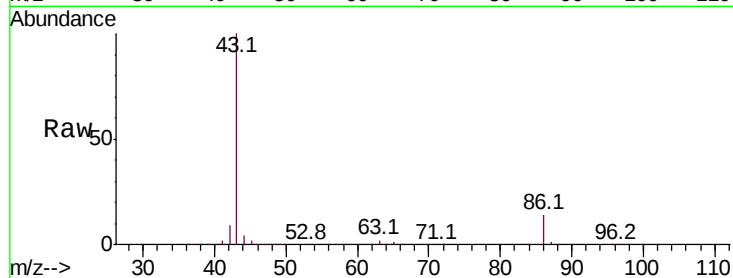
ClientSampleId :

Tot Ion: 43 Resp: 2503104

Ion Ratio Lower Upper

43 100

86 13.5 11.1 16.7



#24

1,1-Dichloroethane

Concen: 138.004 ug/l

RT: 6.02 min Scan# 702

Delta R.T. 0.00 min

Lab File: VY000147.D

Acq: 26 Sep 2019 12:19

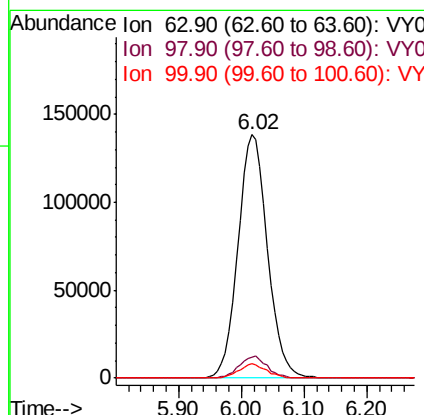
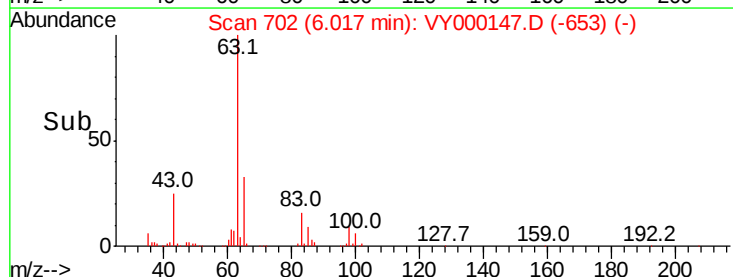
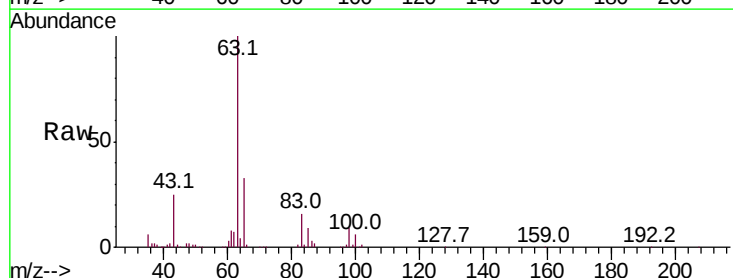
Tgt Ion: 63 Resp: 449038

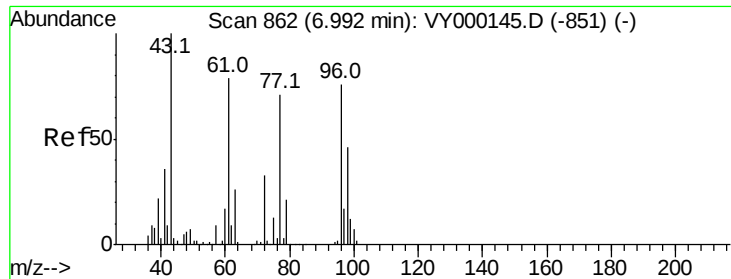
Ion Ratio Lower Upper

63 100

98 8.7 4.6 13.8

100 5.8 2.8 8.4





#25

2-Butanone

Concen: 686.659 ug/l

RT: 6.99 min Scan# 862

Delta R.T. 0.00 min

Lab File: VY000147.D

Acq: 26 Sep 2019 12:19

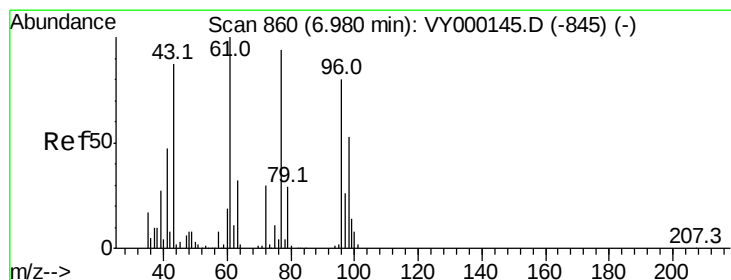
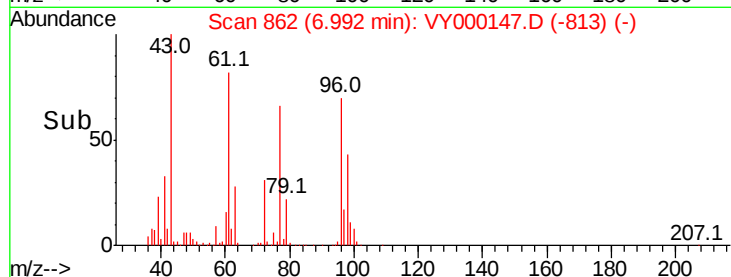
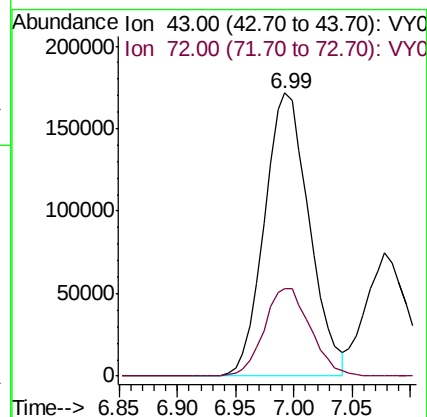
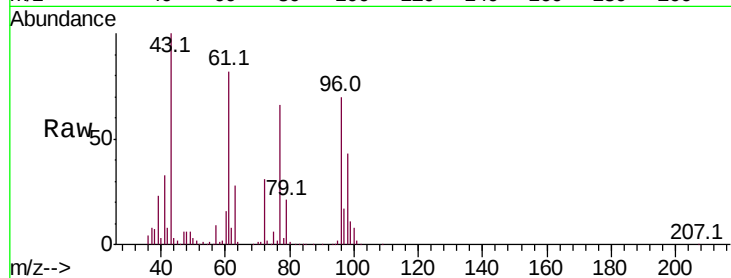
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 43 Resp: 458873

Ion Ratio Lower Upper

43 100

72 31.1 26.8 40.2



#26

2,2-Dichloropropane

Concen: 134.468 ug/l

RT: 6.98 min Scan# 860

Delta R.T. 0.00 min

Lab File: VY000147.D

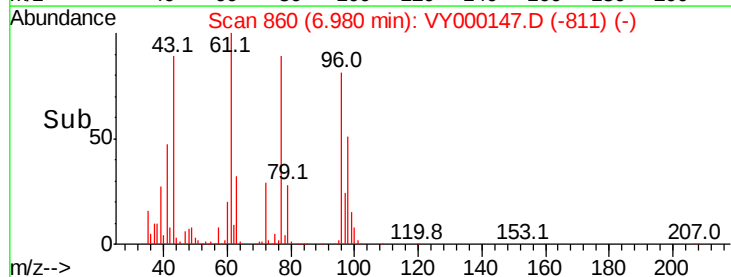
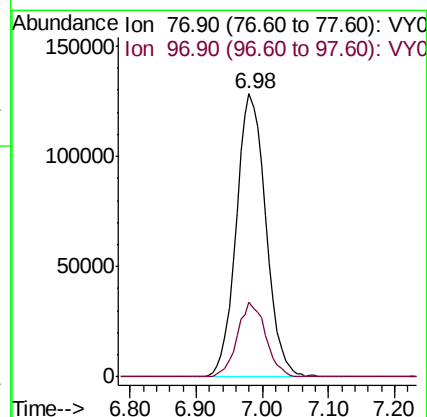
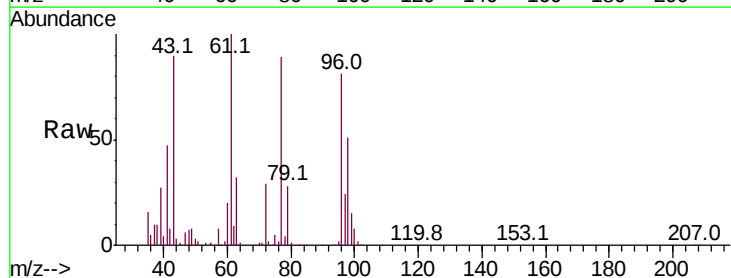
Acq: 26 Sep 2019 12:19

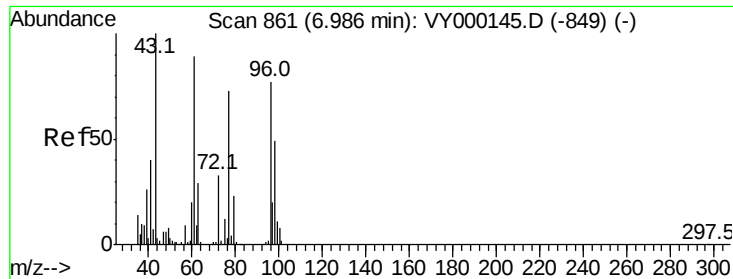
Tgt Ion: 77 Resp: 397837

Ion Ratio Lower Upper

77 100

97 25.3 13.0 38.9



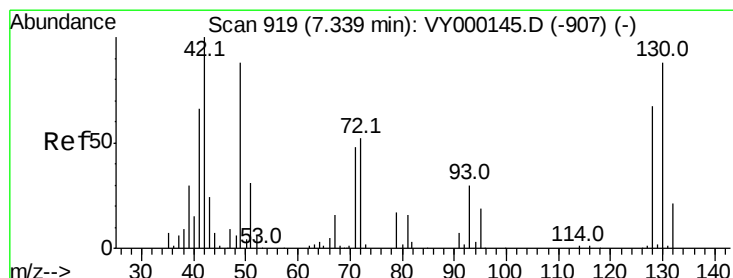
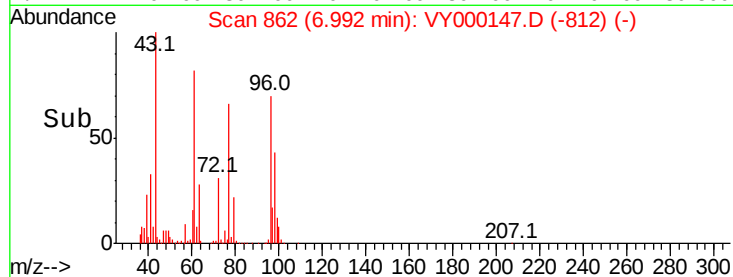
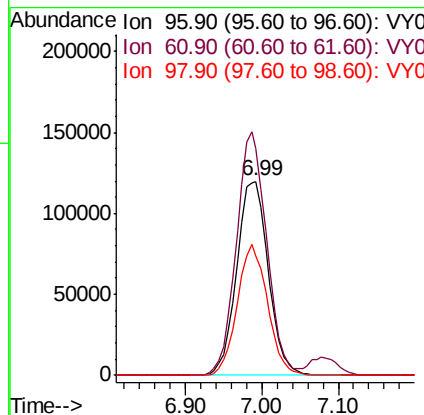
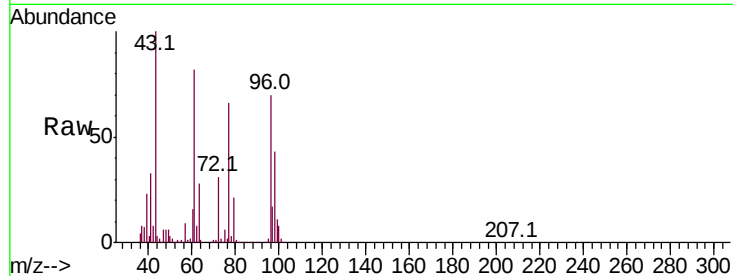


#27

cis-1,2-Dichloroethene
Concen: 135.469 ug/l
RT: 6.99 min Scan# 862
Delta R.T. 0.01 min
Lab File: VY000147.D
Acq: 26 Sep 2019 12:19

Instrument :
MSVOA_Y
ClientSampled :

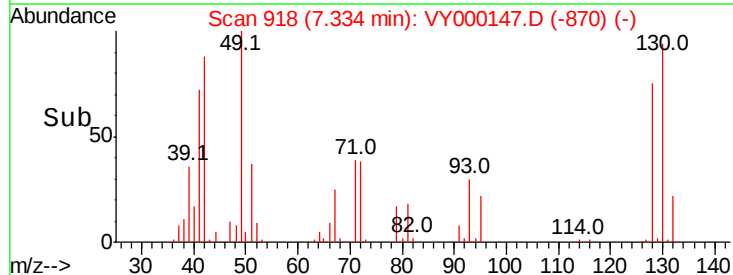
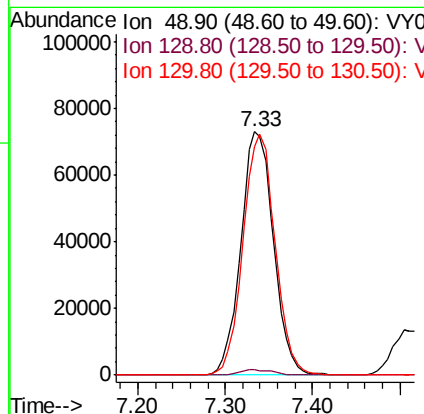
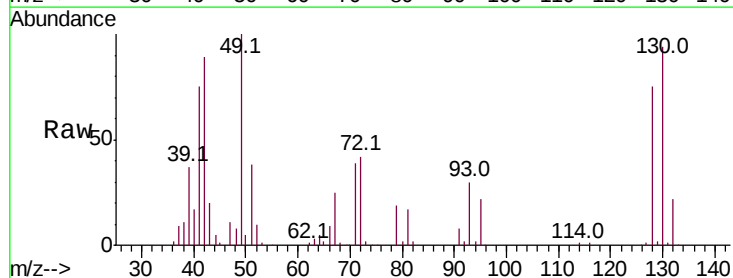
Tot Ion	96	Resp	342841
Ion	Ratio	Lower	Upper
96	100		
61	120.4	0.0	232.8
98	64.8	0.0	128.8

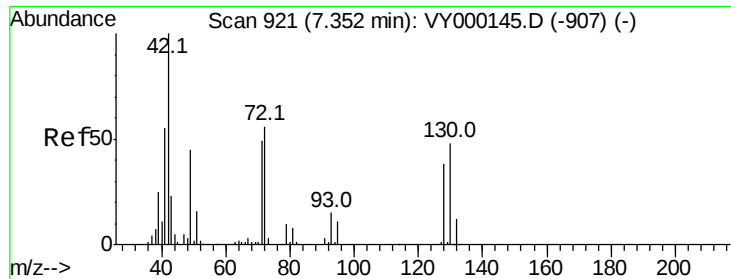


#28

Bromochloromethane
Concen: 152.642 ug/l
RT: 7.33 min Scan# 918
Delta R.T. -0.01 min
Lab File: VY000147.D
Acq: 26 Sep 2019 12:19

Tgt Ion	49	Resp	189224
Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	4.6
130	97.1	79.5	119.3

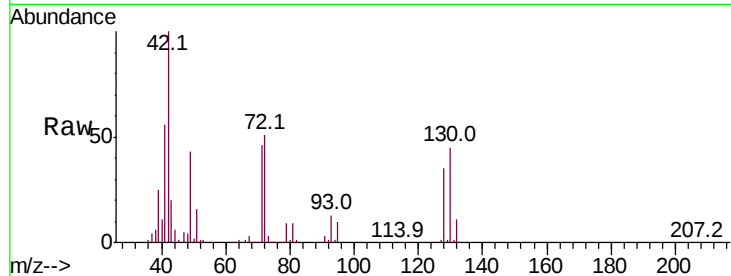




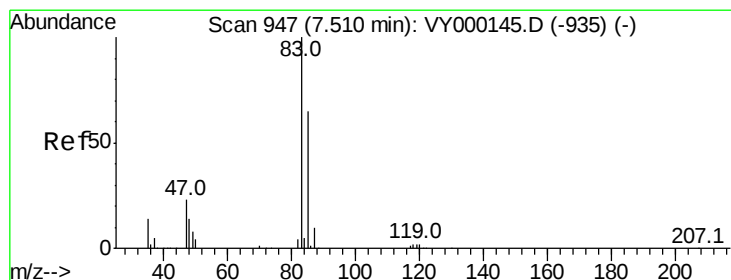
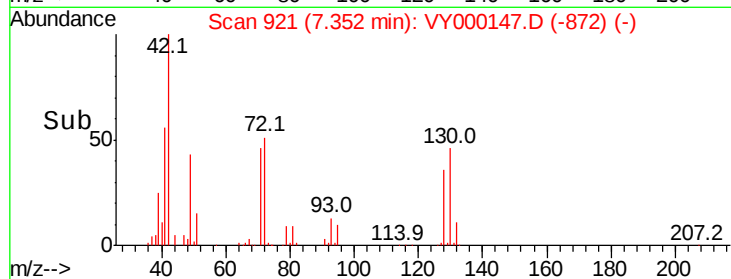
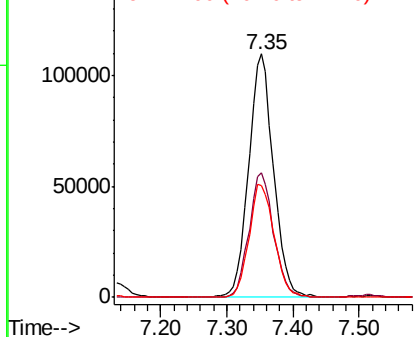
#29
Tetrahydrofuran
Concen: 697.520 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.00 min
Lab File: VY000147.D
Acq: 26 Sep 2019 12:19

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 42 Resp: 287355
Ion Ratio Lower Upper
42 100
72 50.7 43.1 64.7
71 47.1 39.4 59.2

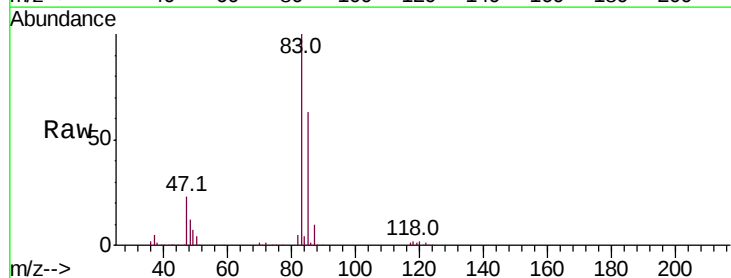


Abundance Ion 42.00 (41.70 to 42.70): VY0
Ion 72.00 (71.70 to 72.70): VY0
Ion 71.00 (70.70 to 71.70): VY0

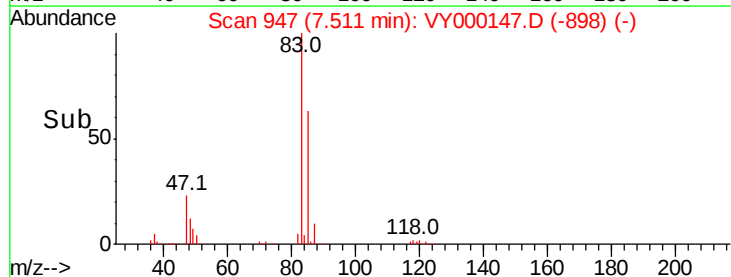
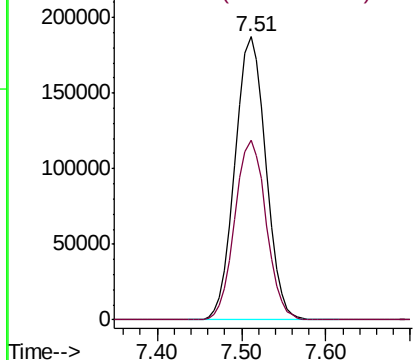


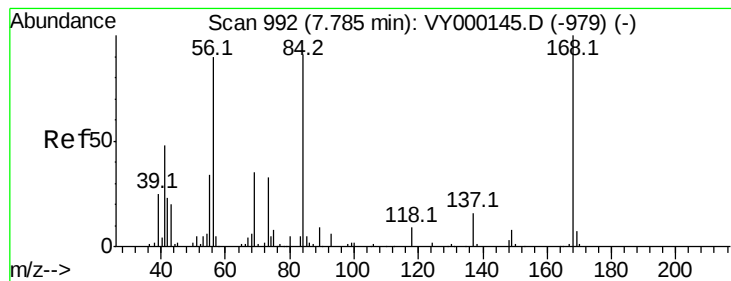
#30
Chloroform
Concen: 136.090 ug/l
RT: 7.51 min Scan# 947
Delta R.T. 0.00 min
Lab File: VY000147.D
Acq: 26 Sep 2019 12:19

Tgt Ion: 83 Resp: 463448
Ion Ratio Lower Upper
83 100
85 63.3 52.4 78.6



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





#31

Cyclohexane

Concen: 128.956 ug/l

RT: 7.78 min Scan# 992

Delta R.T. 0.00 min

Lab File: VY000147.D

Acq: 26 Sep 2019 12:19

Instrument :
MSVOA_Y
ClientSampled :

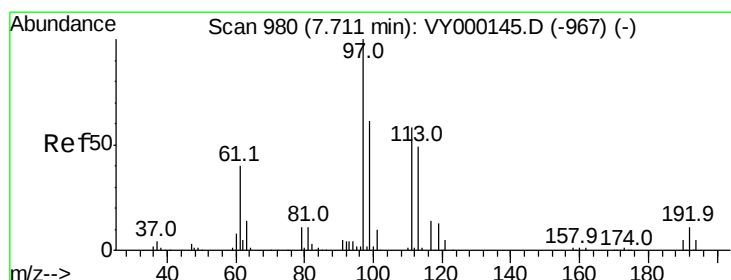
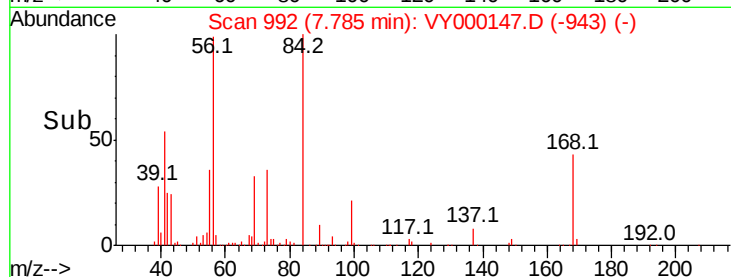
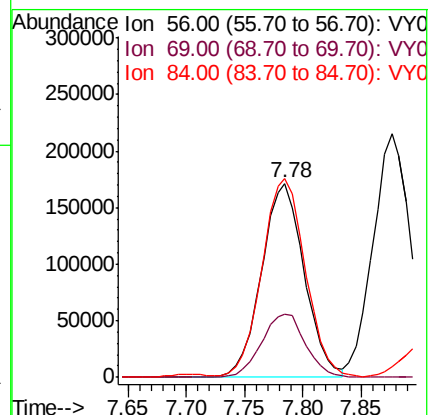
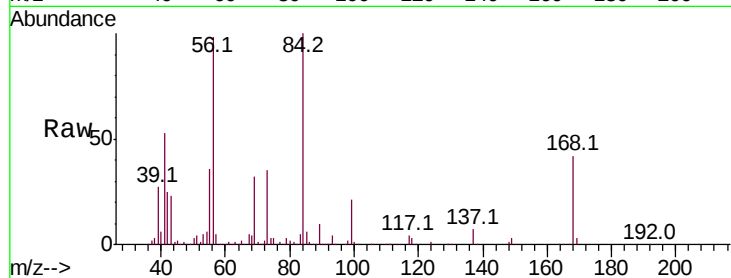
Tot Ion: 56 Resp: 433800

Ion Ratio Lower Upper

56 100

69 32.7 31.1 46.7

84 100.6 80.5 120.7



#32

1,1,1-Trichloroethane

Concen: 139.691 ug/l

RT: 7.70 min Scan# 978

Delta R.T. -0.01 min

Lab File: VY000147.D

Acq: 26 Sep 2019 12:19

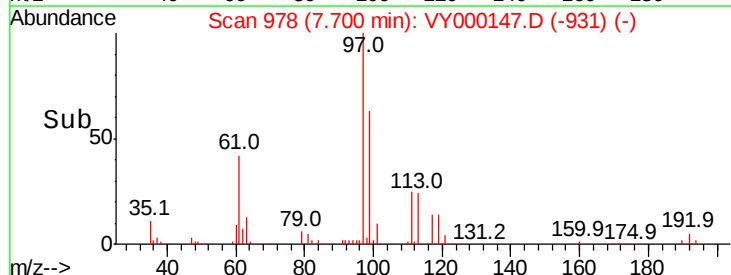
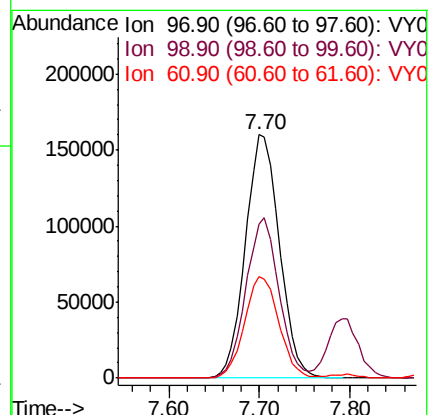
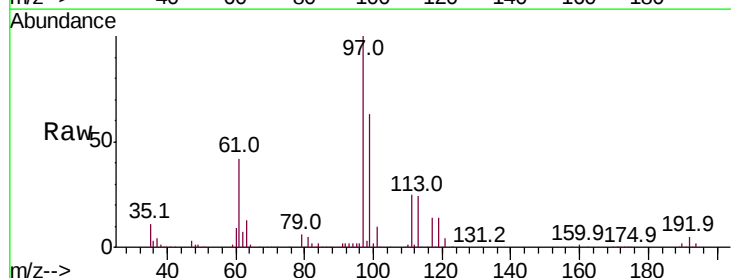
Tgt Ion: 97 Resp: 417129

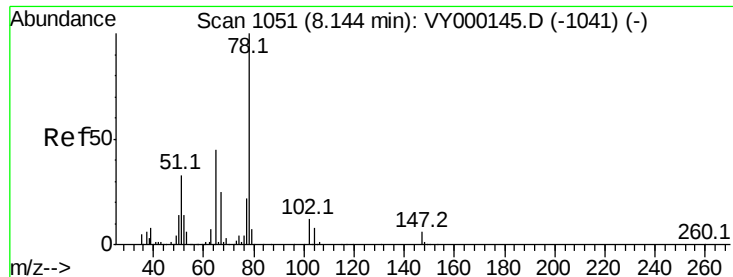
Ion Ratio Lower Upper

97 100

99 63.9 50.5 75.7

61 41.9 32.9 49.3

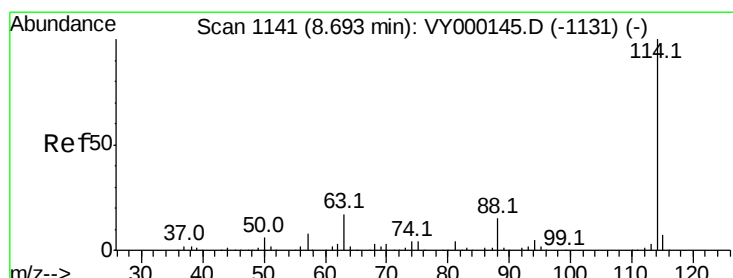
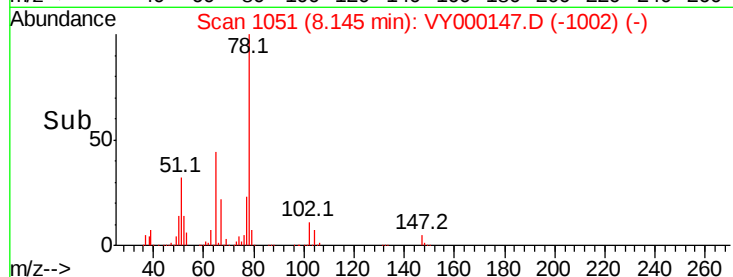
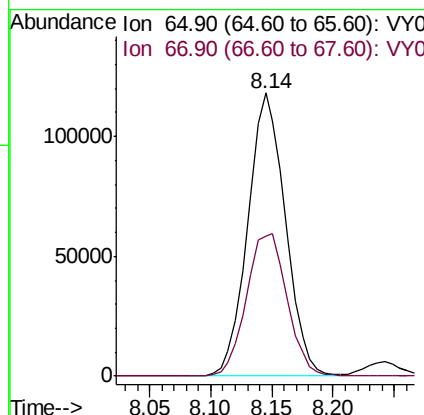
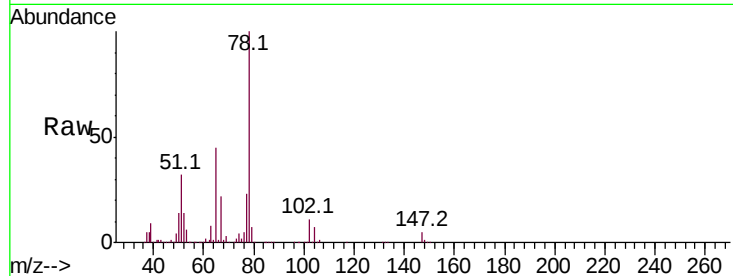




#33
 1,2-Dichloroethane-d4
 Concen: 145.354 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VY000147.D
 Acq: 26 Sep 2019 12:19

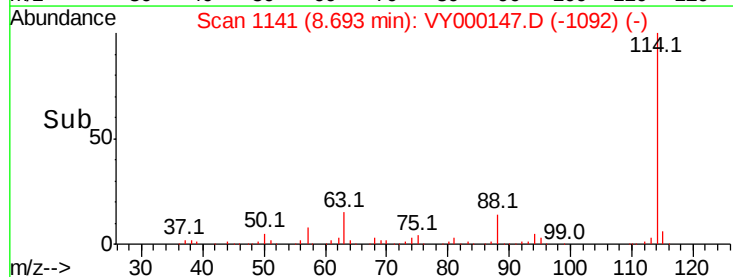
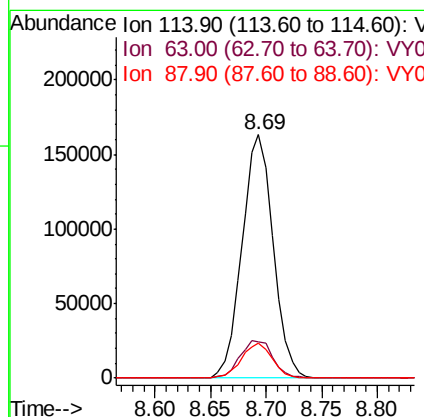
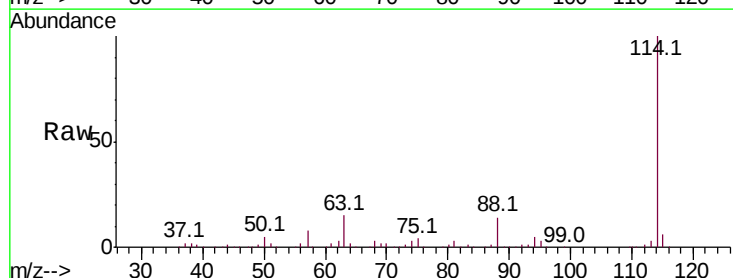
Instrument :
 MSVOA_Y
 ClientSampled :

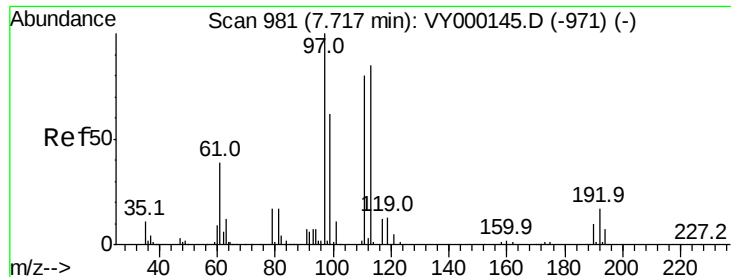
Tot Ion: 65 Resp: 253015
 Ion Ratio Lower Upper
 65 100
 67 54.5 0.0 110.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY000147.D
 Acq: 26 Sep 2019 12:19

Tgt Ion: 114 Resp: 316739
 Ion Ratio Lower Upper
 114 100
 63 14.9 0.0 34.6
 88 14.5 0.0 30.6

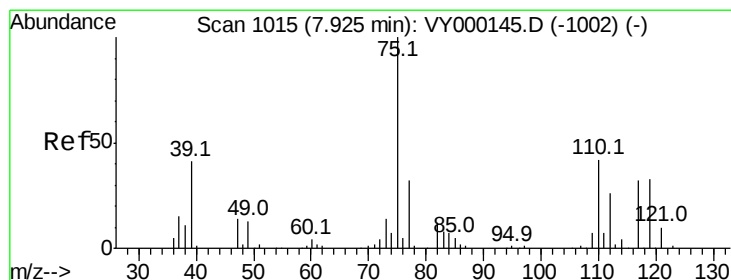
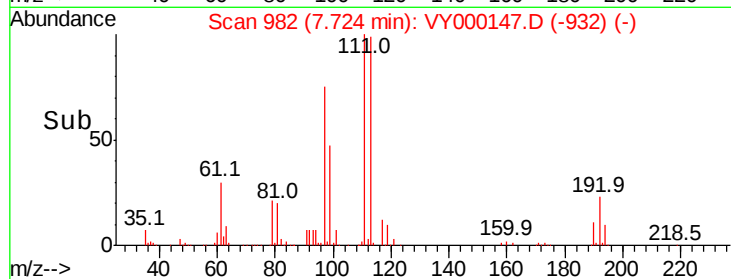
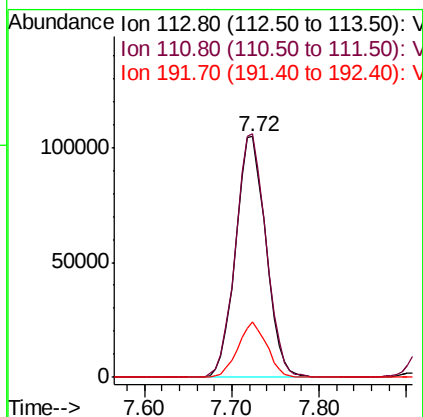
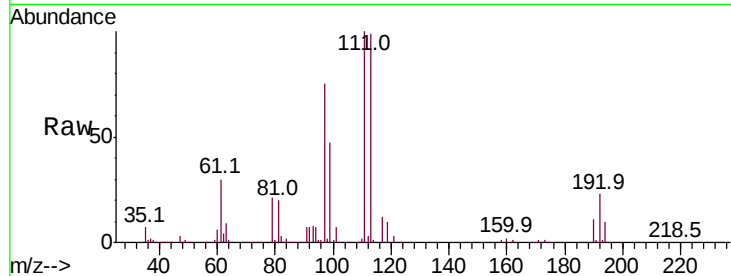




#35
 Dibromofluoromethane
 Concen: 152.093 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. 0.01 min
 Lab File: VY000147.D
 Acq: 26 Sep 2019 12:19

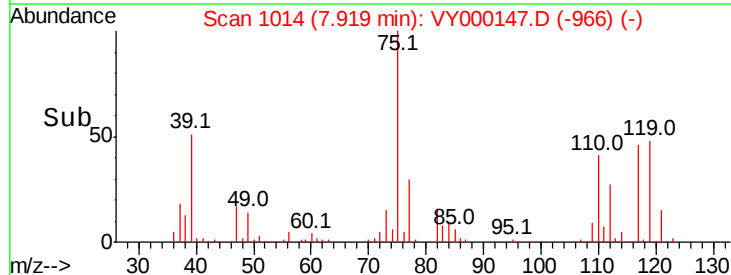
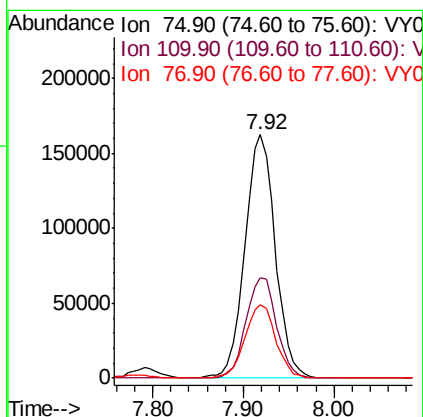
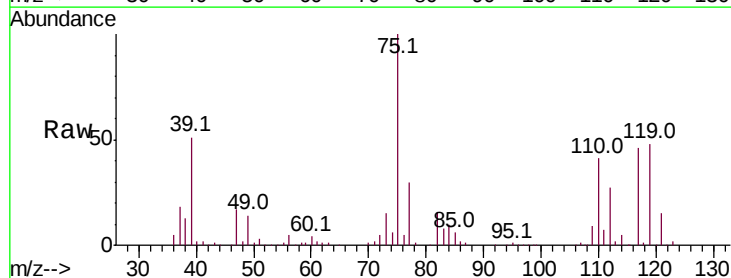
Instrument :
 MSVOA_Y
 ClientSampled :

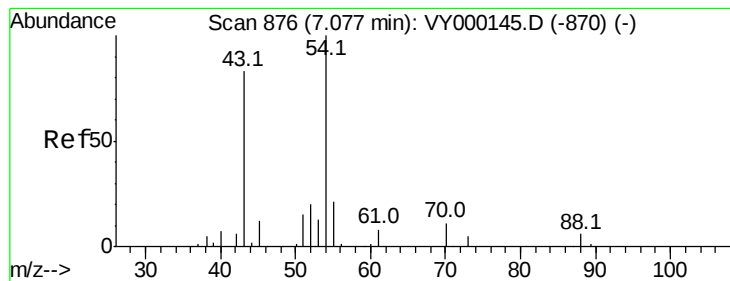
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.8	82.0	123.0
192	22.0	17.3	25.9



#36
 1,1-Dichloropropene
 Concen: 142.216 ug/l
 RT: 7.92 min Scan# 1014
 Delta R.T. -0.01 min
 Lab File: VY000147.D
 Acq: 26 Sep 2019 12:19

Tgt Ion	Ratio	Lower	Upper
75	100		
110	41.8	21.1	63.1
77	30.9	24.6	36.8





#37

Ethyl Acetate

Concen: 137.321 ug/l

RT: 7.08 min Scan# 876

Delta R.T. 0.00 min

Lab File: VY000147.D

Acq: 26 Sep 2019 12:19

Instrument :
MSVOA_Y
ClientSampleId :

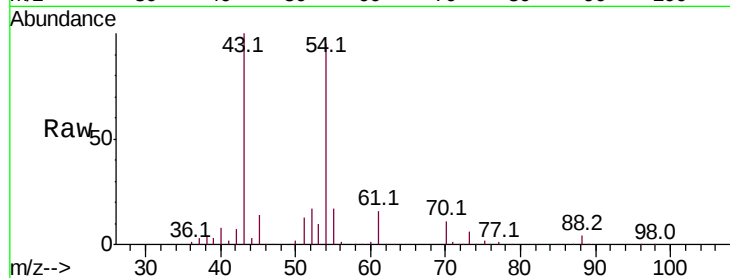
Tot Ion: 43 Resp: 190940

Ion Ratio Lower Upper

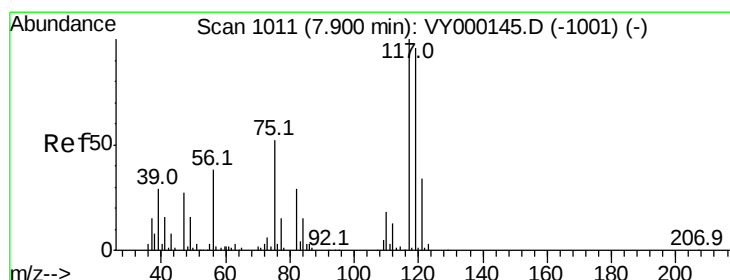
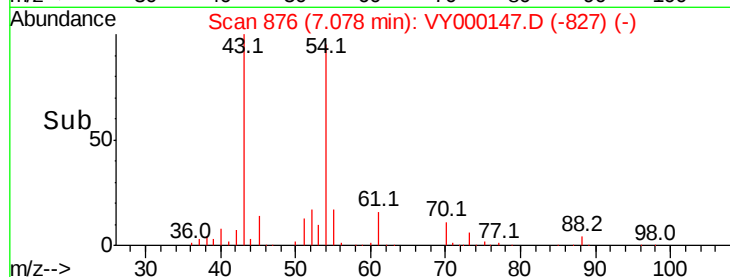
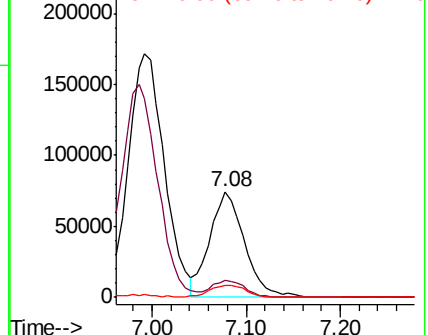
43 100

61 15.4 11.9 17.9

70 12.3 10.2 15.2



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



#38

Carbon Tetrachloride

Concen: 148.216 ug/l

RT: 7.90 min Scan# 1011

Delta R.T. 0.00 min

Lab File: VY000147.D

Acq: 26 Sep 2019 12:19

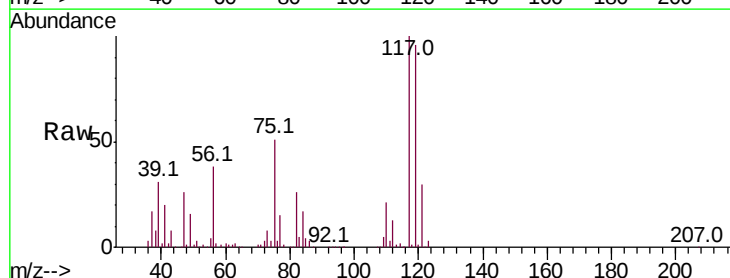
Tgt Ion: 117 Resp: 380858

Ion Ratio Lower Upper

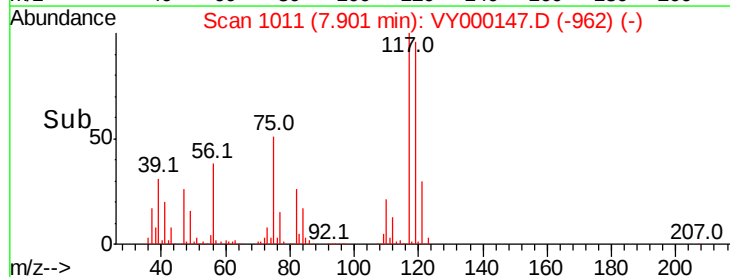
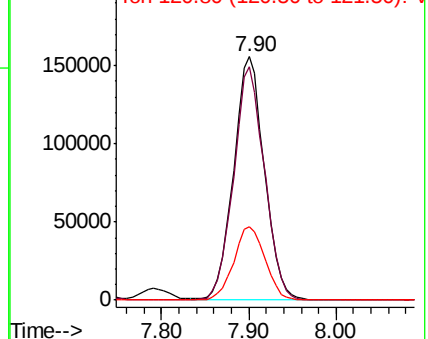
117 100

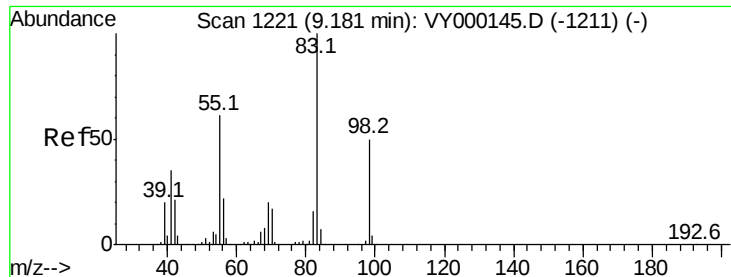
119 95.7 76.9 115.3

121 30.2 27.4 41.0



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

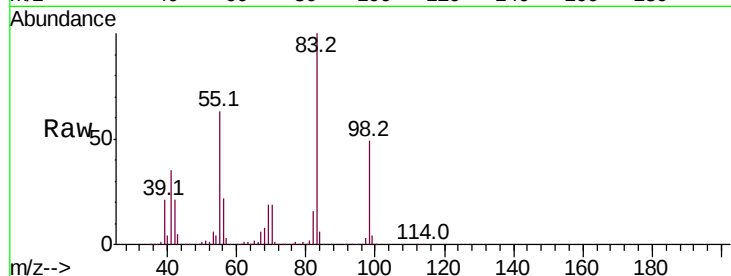




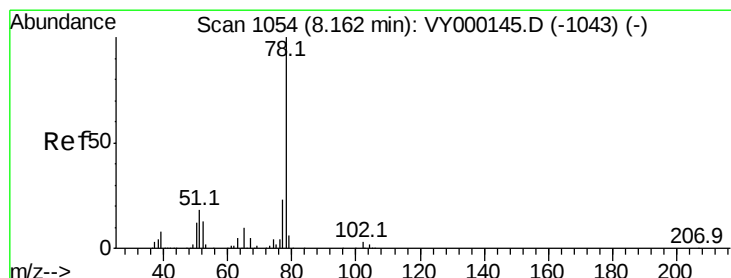
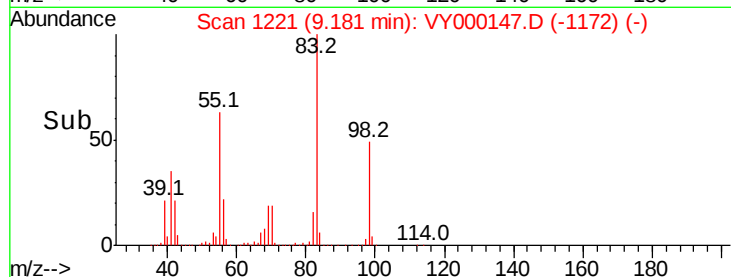
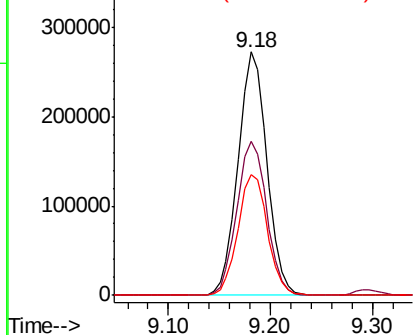
#39
Methvlcvclohexane
Concen: 143.425 ug/l
RT: 9.18 min Scan# 1221
Delta R.T. 0.00 min
Lab File: VY000147.D
Acq: 26 Sep 2019 12:19

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 83 Resp: 535460
Ion Ratio Lower Upper
83 100
55 63.4 49.1 73.7
98 49.4 40.0 60.0

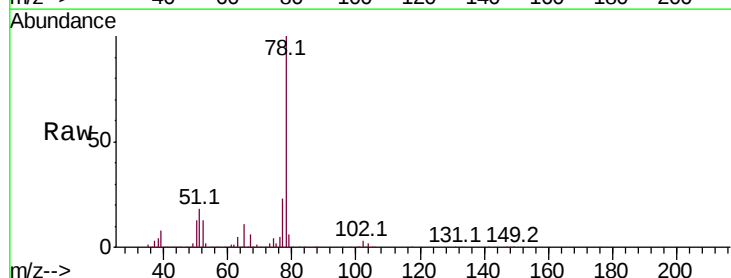


Abundance Ion 83.00 (82.70 to 83.70): VY0
Ion 55.00 (54.70 to 55.70): VY0
Ion 98.00 (97.70 to 98.70): VY0

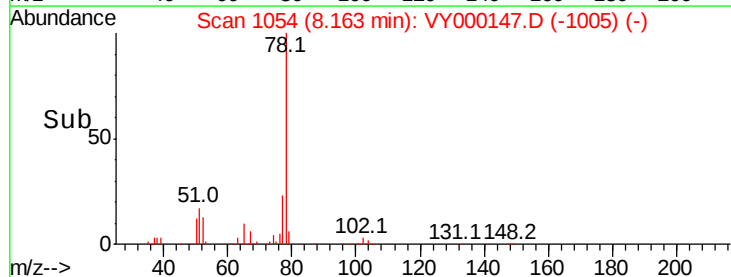
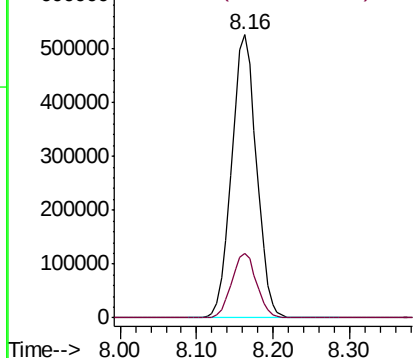


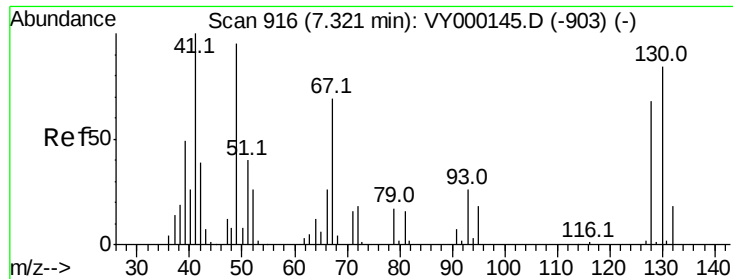
#40
Benzene
Concen: 142.157 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. 0.00 min
Lab File: VY000147.D
Acq: 26 Sep 2019 12:19

Tgt Ion: 78 Resp: 1181988
Ion Ratio Lower Upper
78 100
77 22.9 18.2 27.4



Abundance Ion 78.00 (77.70 to 78.70): VY0
Ion 77.00 (76.70 to 77.70): VY0

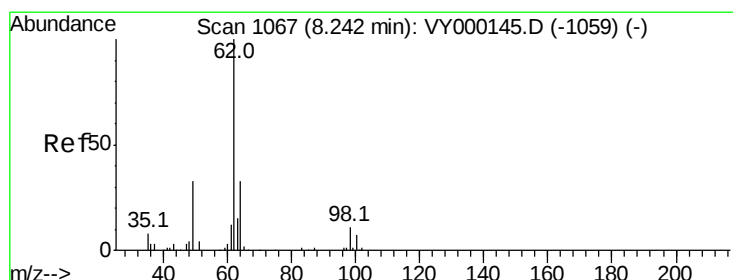
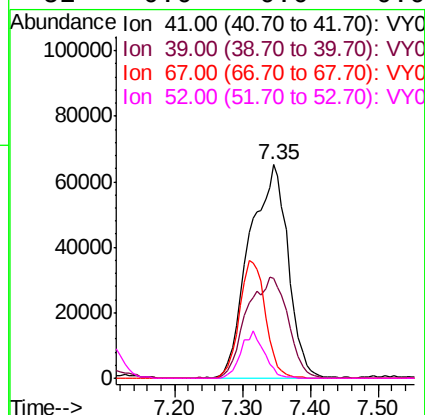
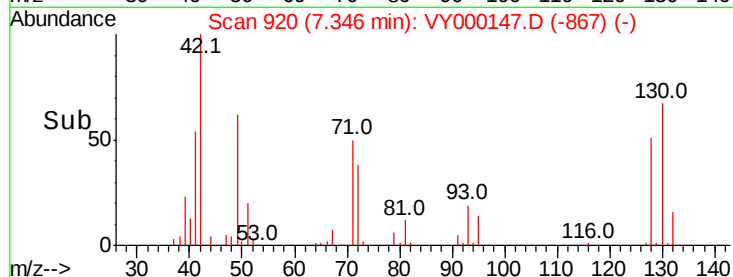
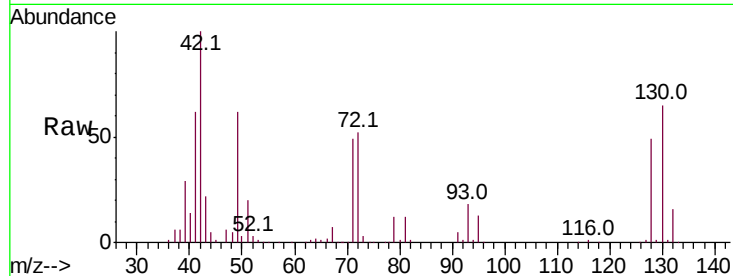




#41
Methacrylonitrile
Concen: 343.684 ug/l
RT: 7.35 min Scan# 920
Delta R.T. 0.02 min
Lab File: VY000147.D
Acq: 26 Sep 2019 12:19

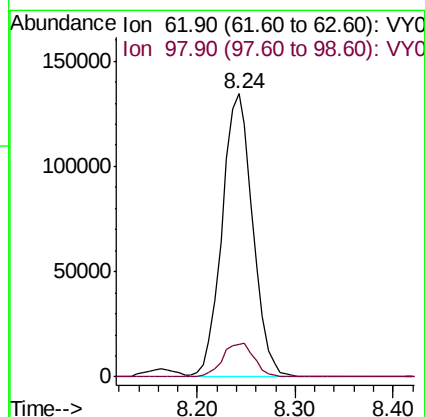
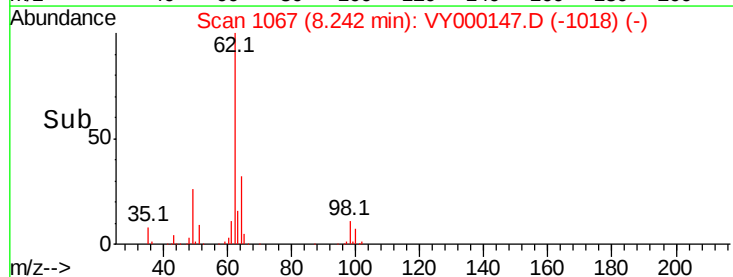
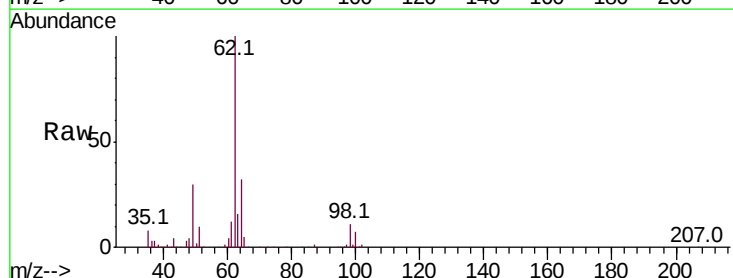
Instrument :
MSVOA_Y
ClientSampled :

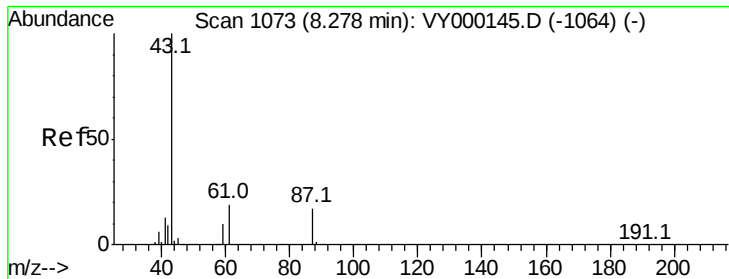
Tot Ion: 41 Resp: 259111
Ion Ratio Lower Upper
41 100
39 50.1 0.0 0.0#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 144.408 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. 0.00 min
Lab File: VY000147.D
Acq: 26 Sep 2019 12:19

Tgt Ion: 62 Resp: 292145
Ion Ratio Lower Upper
62 100
98 12.1 0.0 24.8



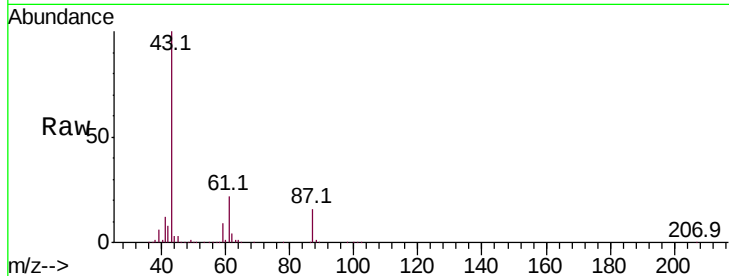


#43

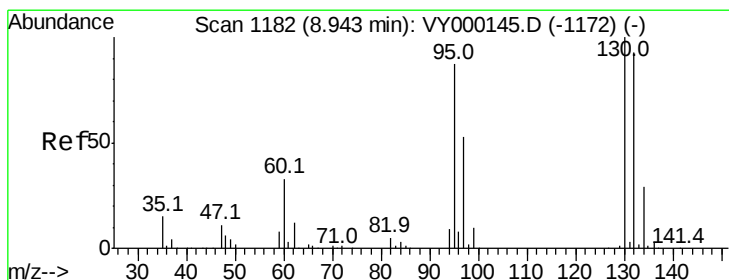
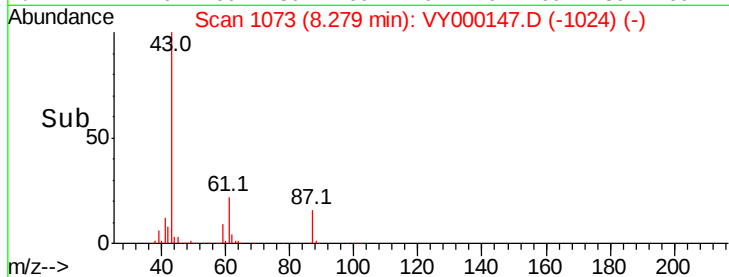
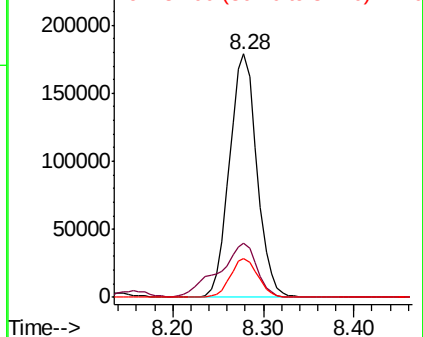
Isopropyl Acetate
 Concen: 145.994 ug/l
 RT: 8.28 min Scan# 1073
 Delta R.T. 0.00 min
 Lab File: VY000147.D
 Acq: 26 Sep 2019 12:19

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion	43	Resp	374987
Ion Ratio	Lower	Upper	
43	100		
61	30.6	25.6	38.4
87	16.1	13.5	20.3



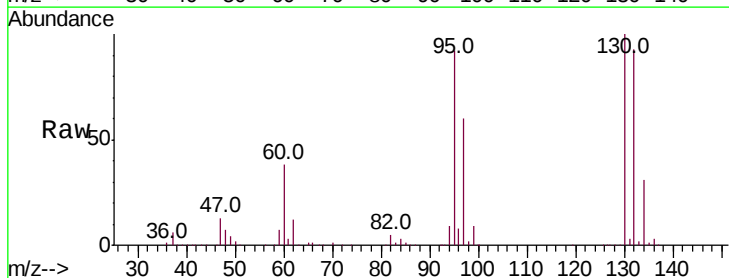
Abundance Ion 43.00 (42.70 to 43.70): VY0
 Ion 61.00 (60.70 to 61.70): VY0
 Ion 87.00 (86.70 to 87.70): VY0



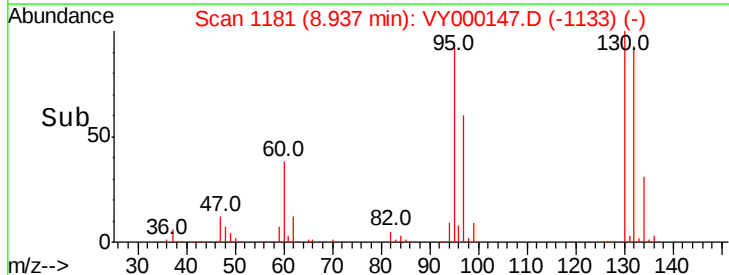
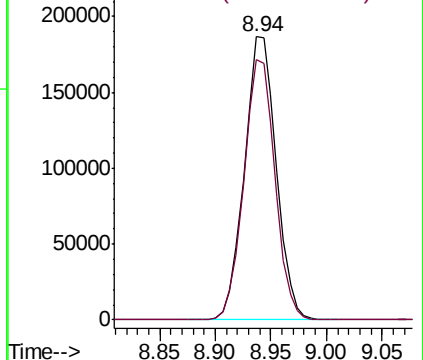
#44

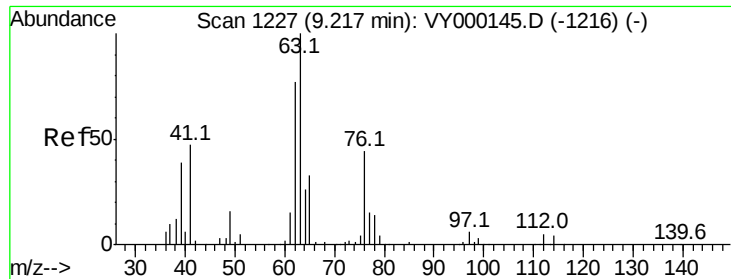
Trichloroethene
 Concen: 139.839 ug/l
 RT: 8.94 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: VY000147.D
 Acq: 26 Sep 2019 12:19

Tgt Ion	130	Resp	371561
Ion Ratio	Lower	Upper	
130	100		
95	92.0	0.0	174.8



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

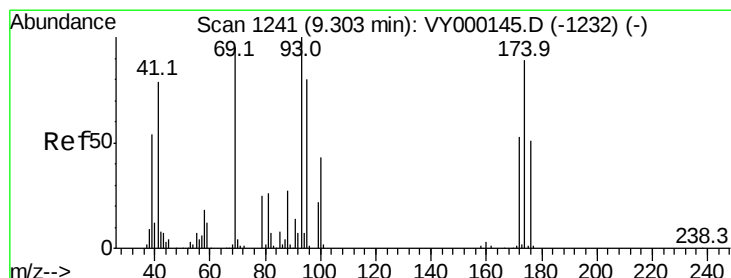
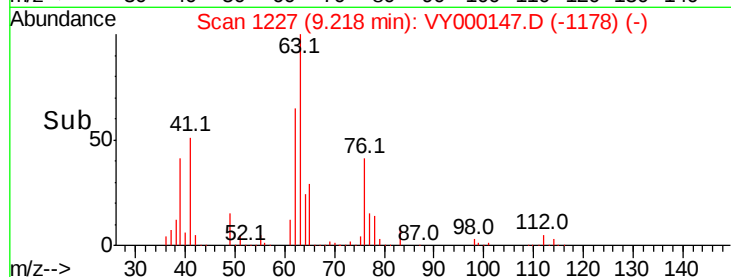
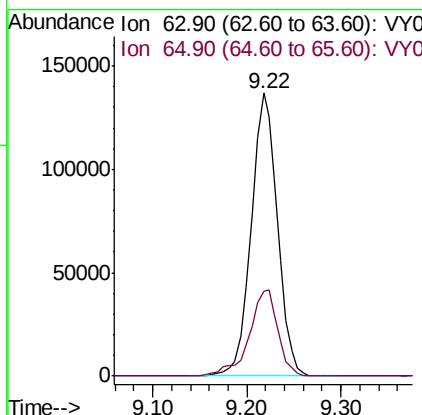
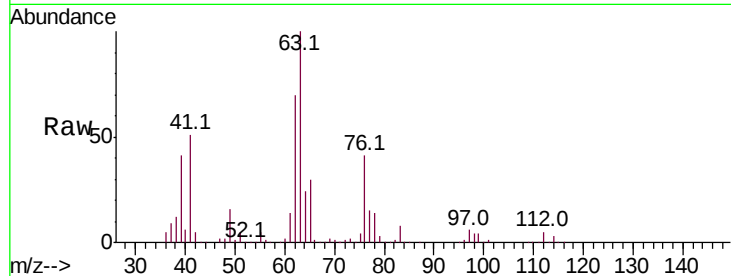




#45
 1,2-Dichloropropane
 Concen: 146.011 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. 0.00 min
 Lab File: VY000147.D
 Acq: 26 Sep 2019 12:19

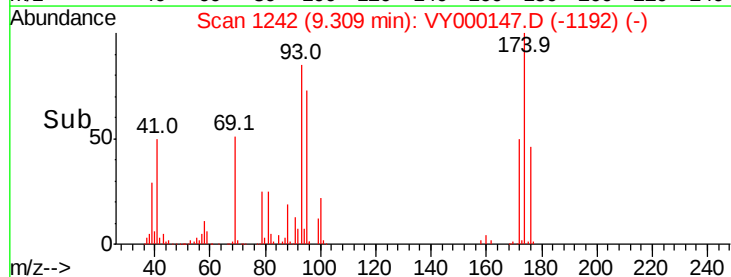
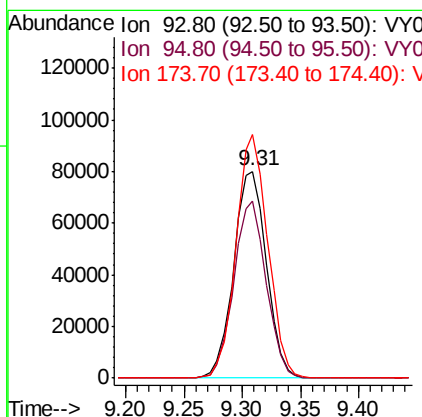
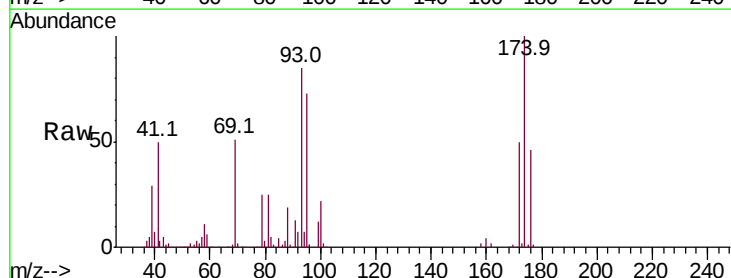
Instrument :
 MSVOA_Y
 ClientSampled :

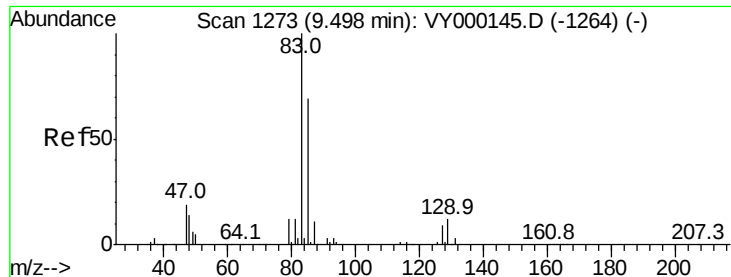
Tot Ion: 63 Resp: 267813
 Ion Ratio Lower Upper
 63 100
 65 29.9 26.8 40.2



#46
 Dibromomethane
 Concen: 139.985 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. 0.01 min
 Lab File: VY000147.D
 Acq: 26 Sep 2019 12:19

Tgt Ion: 93 Resp: 156698
 Ion Ratio Lower Upper
 93 100
 95 84.8 66.3 99.5
 174 114.6 87.3 130.9





#47

Bromodichloromethane

Concen: 146.193 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. 0.00 min

Lab File: VY000147.D

Acq: 26 Sep 2019 12:19

Instrument :

MSVOA_Y

ClientSampleId :

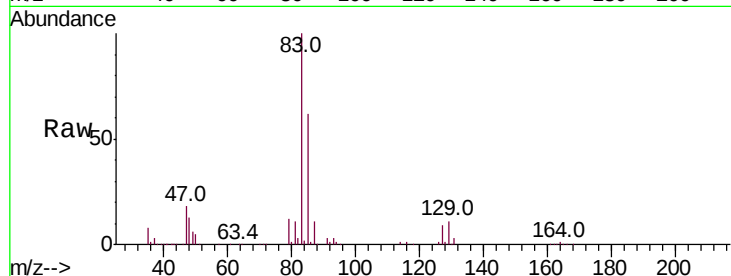
Tot Ion: 83 Resp: 368868

Ion Ratio Lower Upper

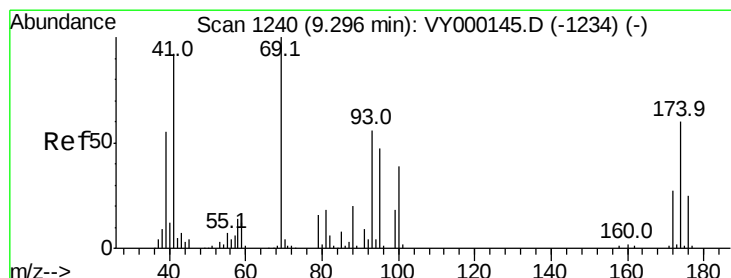
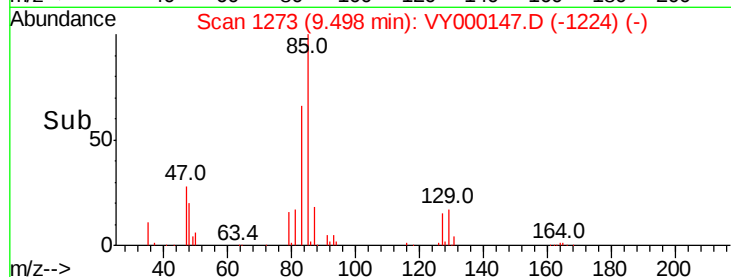
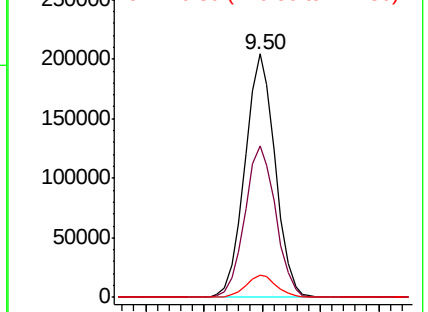
83 100

85 62.0 55.1 82.7

127 9.1 6.9 10.3



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: 144.869 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VY000147.D

Acq: 26 Sep 2019 12:19

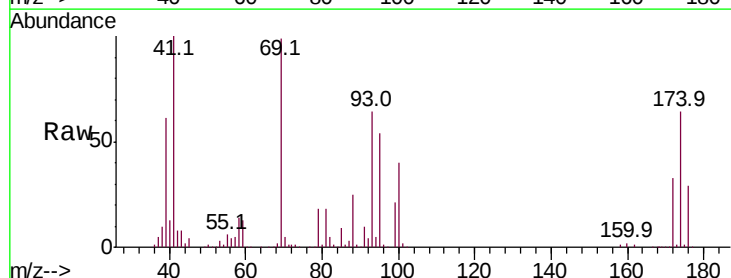
Tgt Ion: 41 Resp: 166621

Ion Ratio Lower Upper

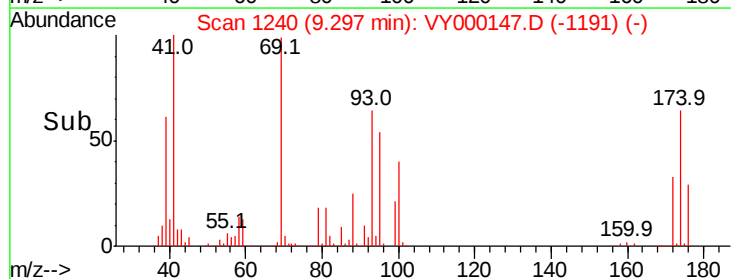
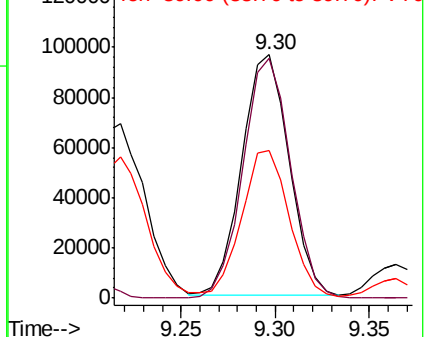
41 100

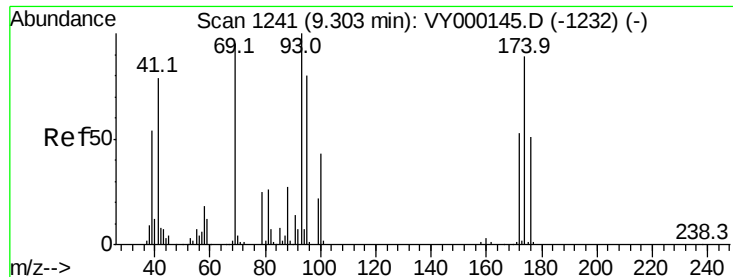
69 100.9 86.5 129.7

39 62.6 51.0 76.6



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: 2842.808 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. -0.01 min

Lab File: VY000147.D

Acq: 26 Sep 2019 12:19

Instrument :
MSVOA_Y
ClientSampleId :

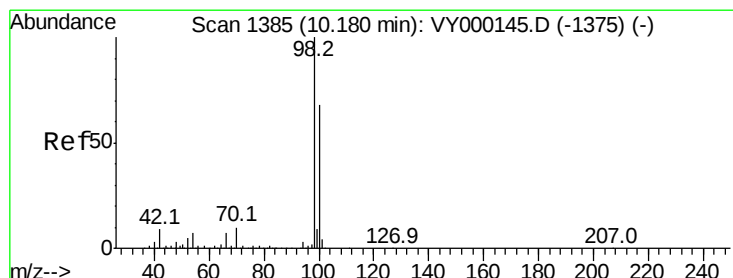
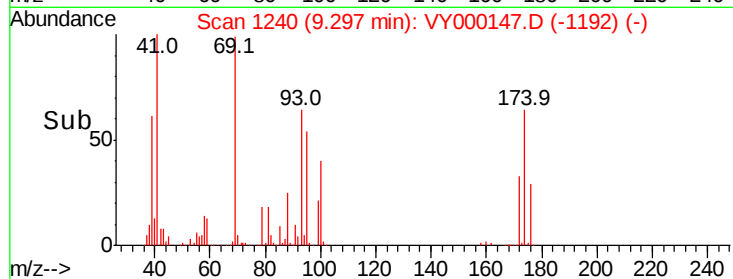
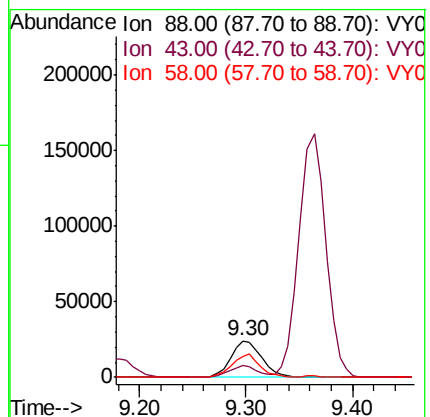
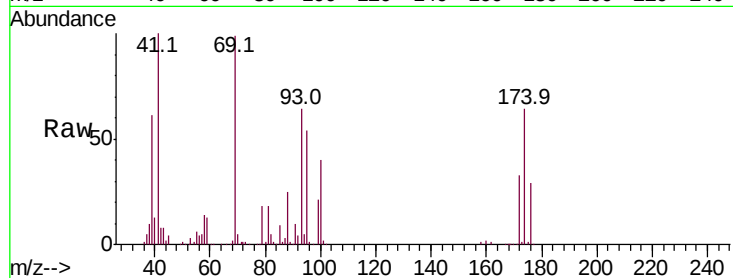
Tot Ion: 88 Resp: 49164

Ion Ratio Lower Upper

88 100

43 29.4 24.4 36.6

58 57.7 49.2 73.8



#50

Toluene-d8

Concen: 152.973 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY000147.D

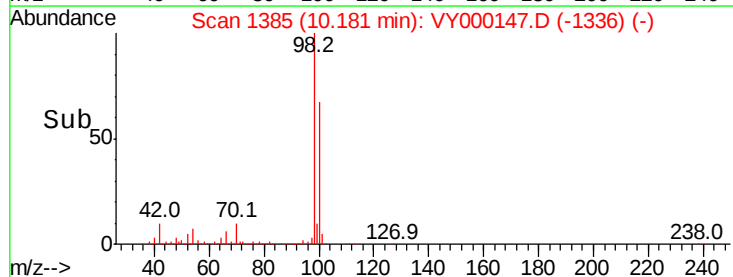
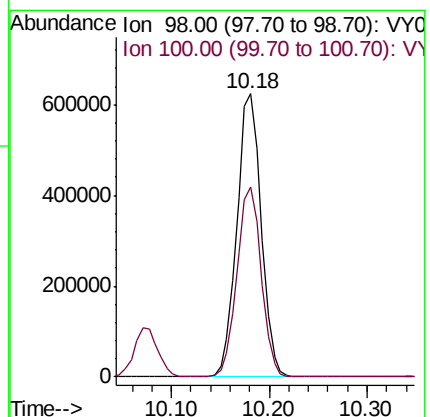
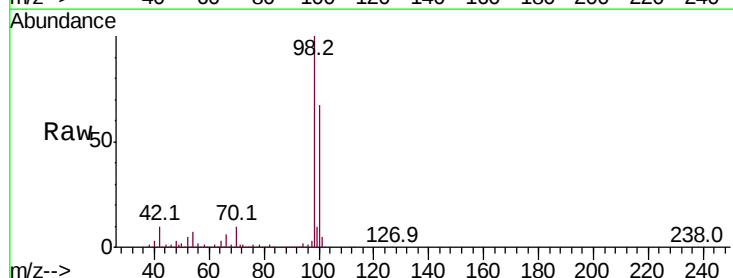
Acq: 26 Sep 2019 12:19

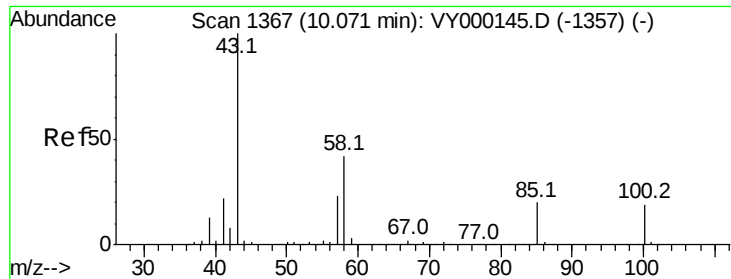
Tgt Ion: 98 Resp: 1073759

Ion Ratio Lower Upper

98 100

100 67.0 54.2 81.2

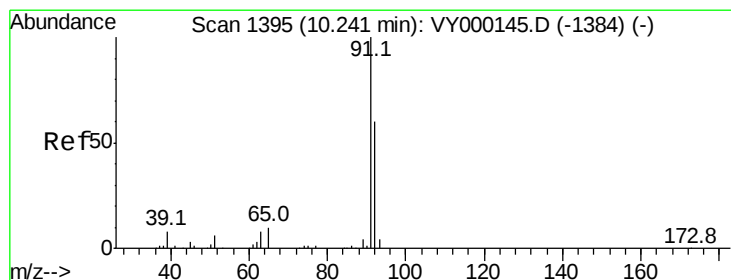
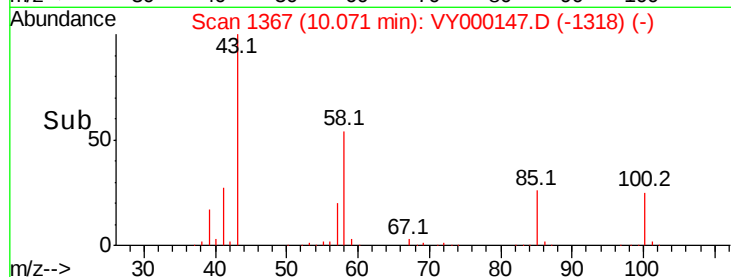
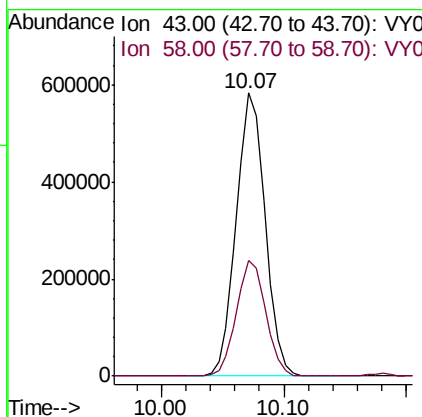
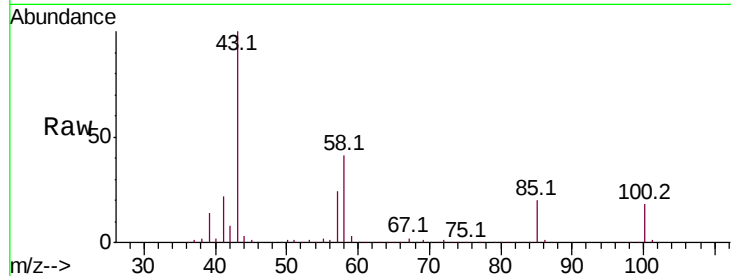




#51
4-Methyl-2-Pentanone
Concen: 716.644 ug/l
RT: 10.07 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VY000147.D
Acq: 26 Sep 2019 12:19

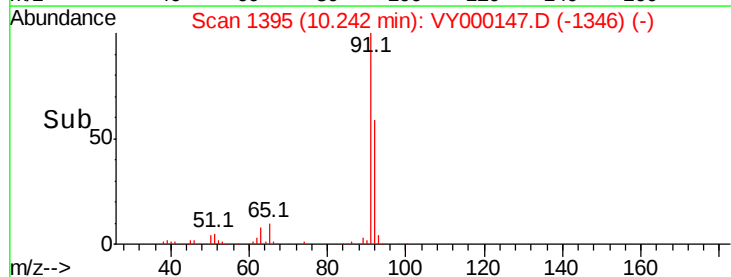
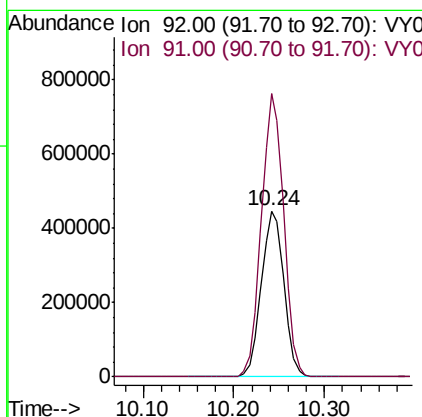
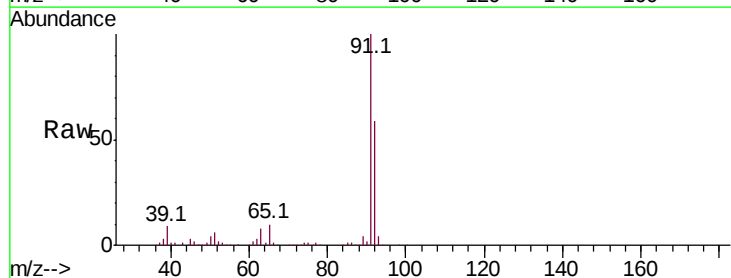
Instrument :
MSVOA_Y
ClientSampled :

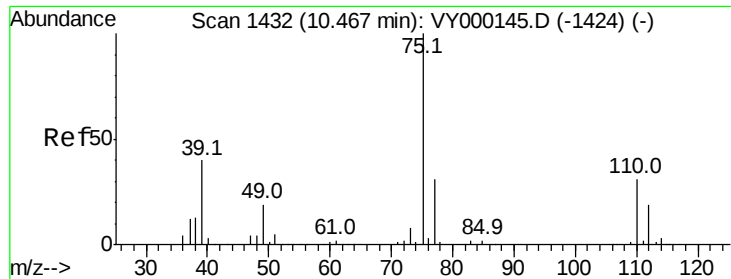
Tot Ion: 43 Resp: 955401
Ion Ratio Lower Upper
43 100
58 41.5 33.6 50.4



#52
Toluene
Concen: 142.250 ug/l
RT: 10.24 min Scan# 1395
Delta R.T. 0.00 min
Lab File: VY000147.D
Acq: 26 Sep 2019 12:19

Tgt Ion: 92 Resp: 765984
Ion Ratio Lower Upper
92 100
91 169.1 134.6 201.8

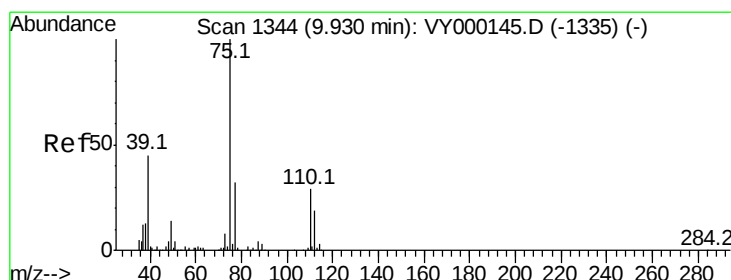
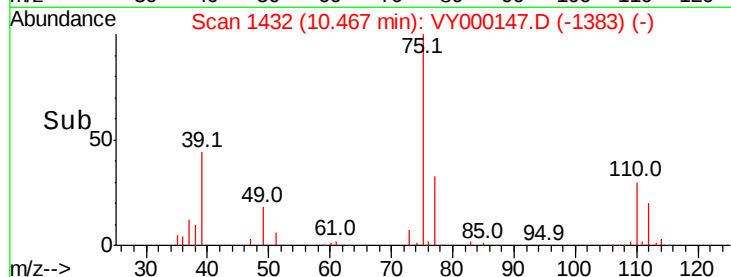
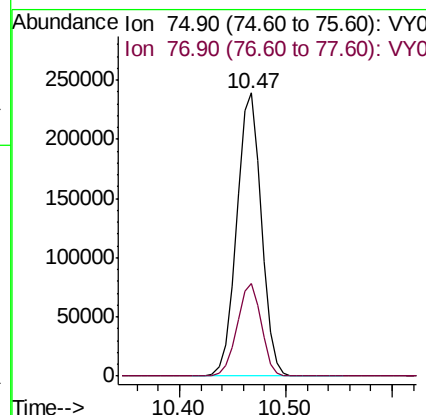
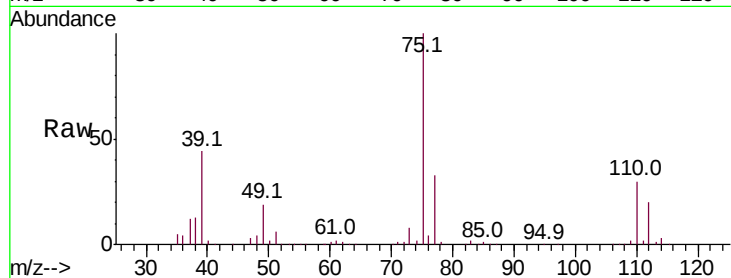




#53
t-1,3-Dichloropropene
Concen: 146.531 ug/l
RT: 10.47 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VY000147.D
Acq: 26 Sep 2019 12:19

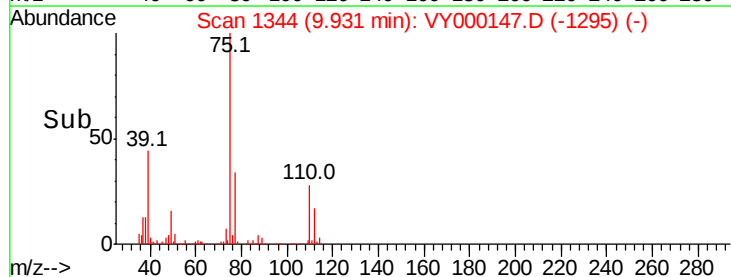
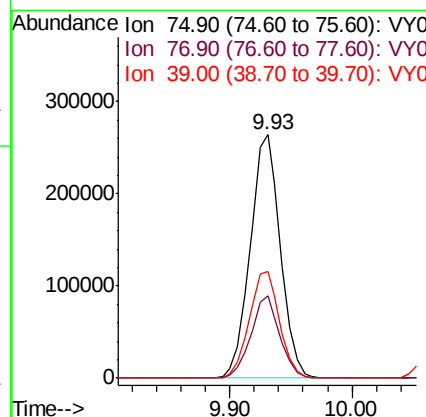
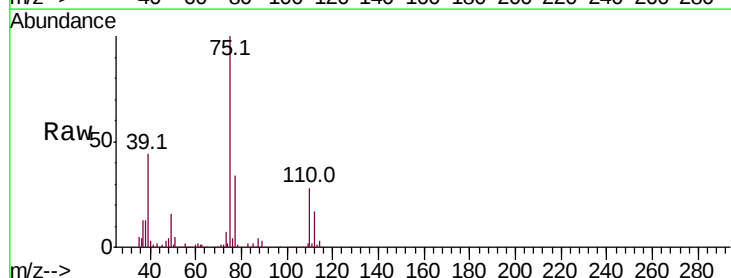
Instrument :
MSVOA_Y
ClientSampled :

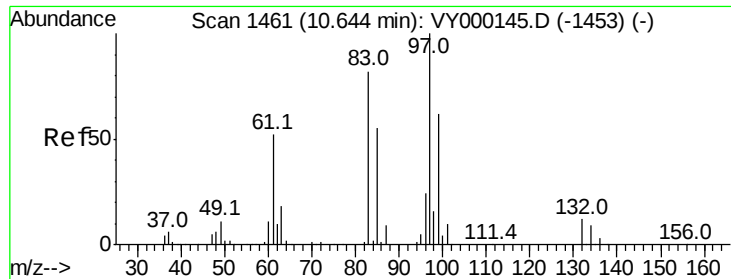
Tot Ion: 75 Resp: 388367
Ion Ratio Lower Upper
75 100
77 32.9 25.0 37.4



#54
cis-1,3-Dichloropropene
Concen: 143.586 ug/l
RT: 9.93 min Scan# 1344
Delta R.T. 0.00 min
Lab File: VY000147.D
Acq: 26 Sep 2019 12:19

Tgt Ion: 75 Resp: 451001
Ion Ratio Lower Upper
75 100
77 33.8 25.4 38.0
39 43.7 35.8 53.6

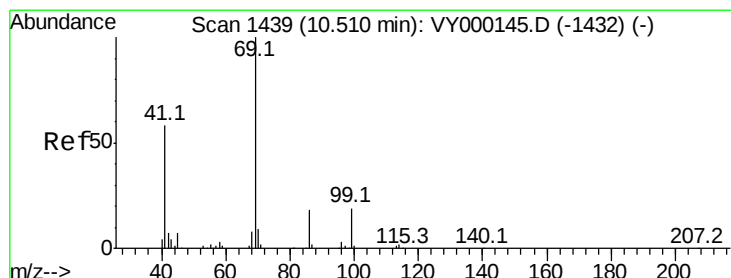
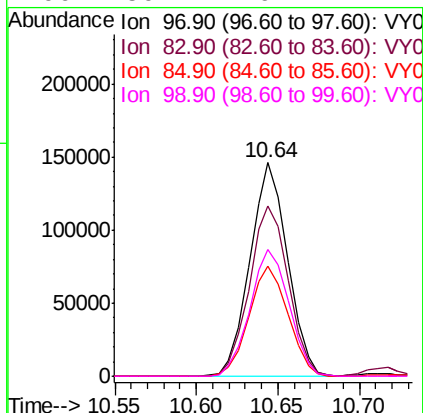
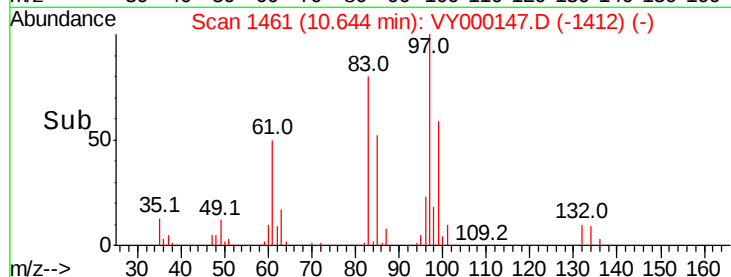
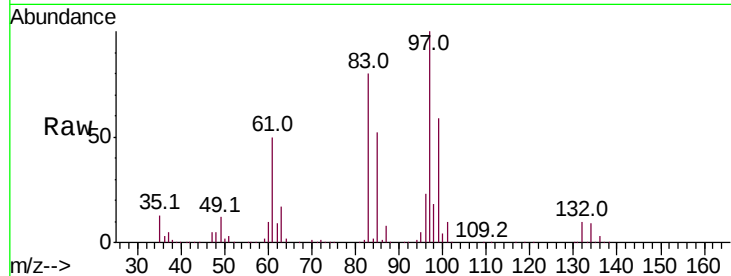




#55
 1,1,2-Trichloroethane
 Concen: 140.734 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: VY000147.D
 Acq: 26 Sep 2019 12:19

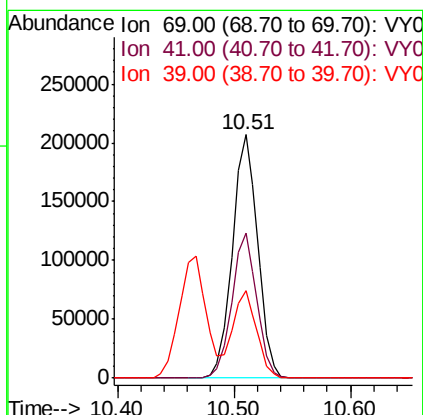
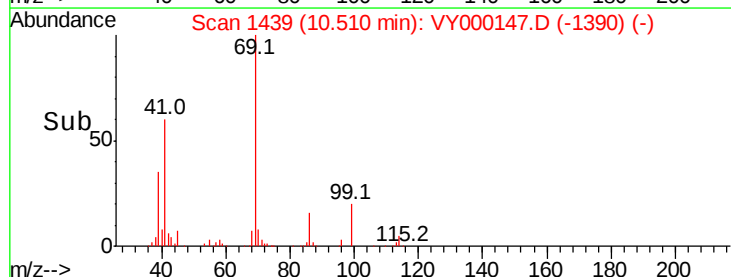
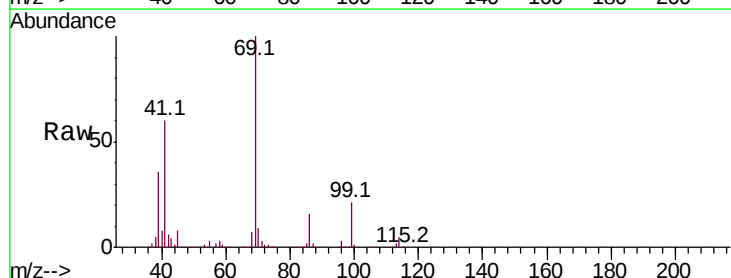
Instrument :
 MSVOA_Y
 ClientSampleId :

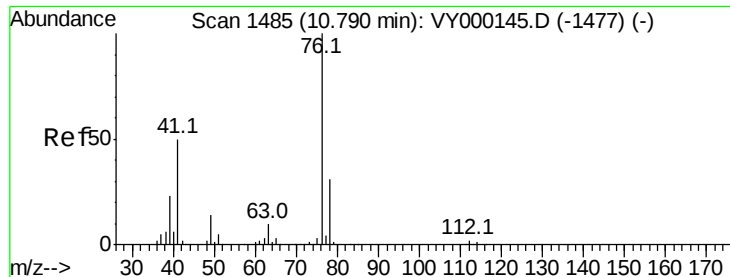
Tot Ion:	97	Resp:	234244
Ion	Ratio	Lower	Upper
97	100		
83	79.9	65.7	98.5
85	51.8	44.1	66.1
99	59.1	49.4	74.2



#56
 Ethyl methacrylate
 Concen: 144.341 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: VY000147.D
 Acq: 26 Sep 2019 12:19

Tgt Ion:	69	Resp:	312511
Ion	Ratio	Lower	Upper
69	100		
41	58.2	45.8	68.8
39	34.6	27.8	41.8





#57

1,3-Dichloropropane

Concen: 140.404 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. 0.00 min

Lab File: VY000147.D

Acq: 26 Sep 2019 12:19

Instrument :

MSVOA_Y

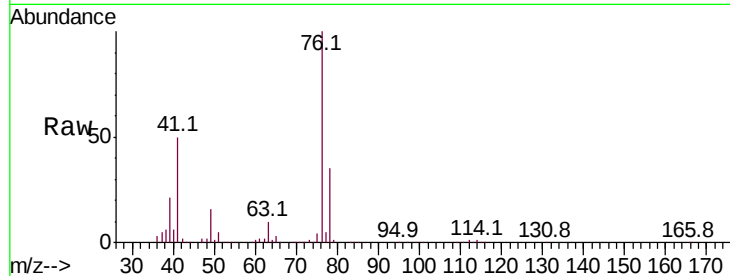
ClientSampleId :

Tot Ion: 76 Resp: 375539

Ion Ratio Lower Upper

76 100

78 33.7 25.4 38.0



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0

250000

200000

150000

100000

50000

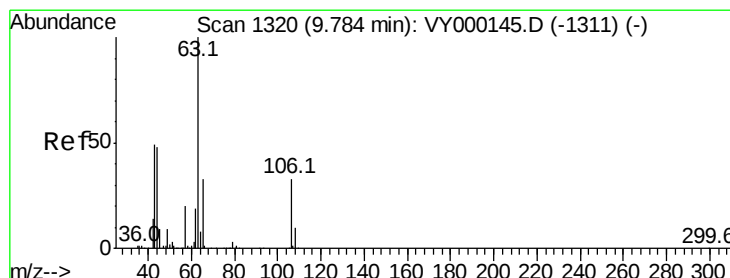
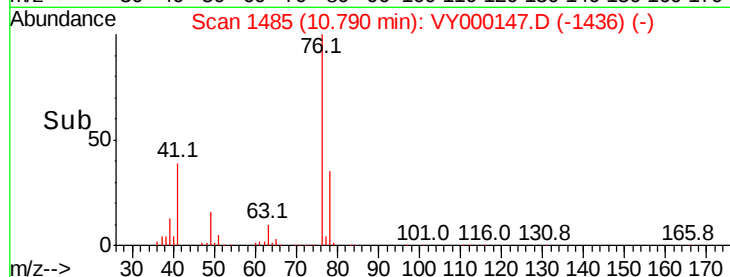
0

10.79

10.70

10.80

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 775.206 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. 0.00 min

Lab File: VY000147.D

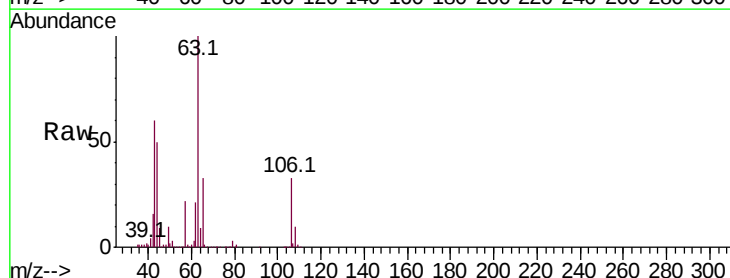
Acq: 26 Sep 2019 12:19

Tgt Ion: 63 Resp: 788325

Ion Ratio Lower Upper

63 100

106 32.4 27.0 40.6



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

500000

400000

300000

200000

100000

0

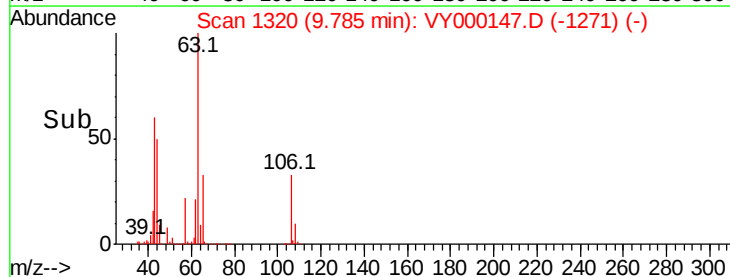
9.78

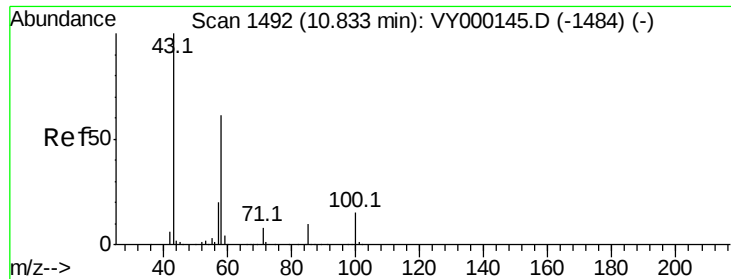
9.70

9.80

9.90

Time-->





#59

2-Hexanone

Concen: 715.979 ug/l

RT: 10.83 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VY000147.D

Acq: 26 Sep 2019 12:19

Instrument :

MSVOA_Y

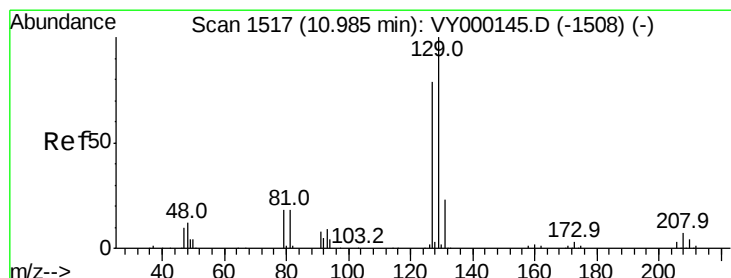
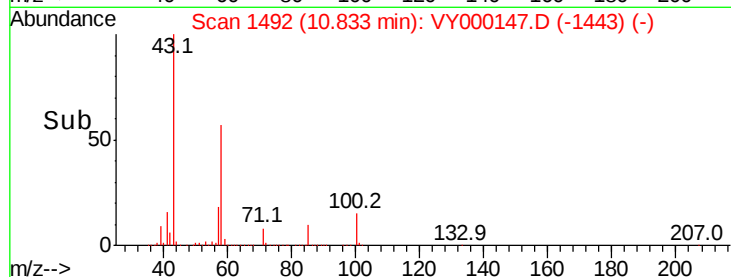
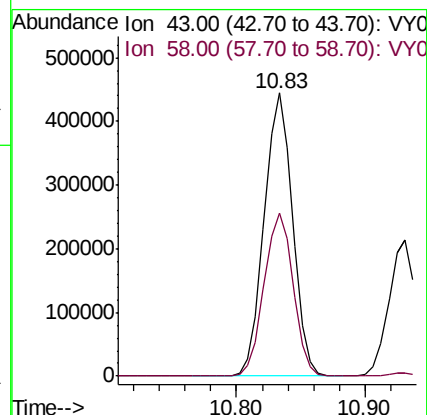
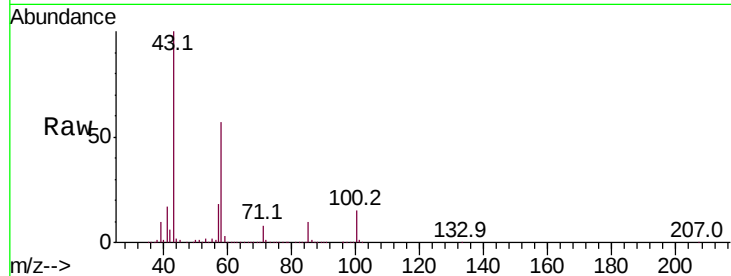
ClientSampleId :

Tot Ion: 43 Resp: 678403

Ion Ratio Lower Upper

43 100

58 58.8 29.5 88.5



#60

Dibromochloromethane

Concen: 144.227 ug/l

RT: 10.99 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VY000147.D

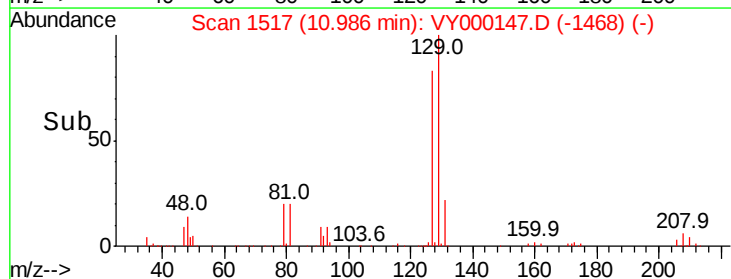
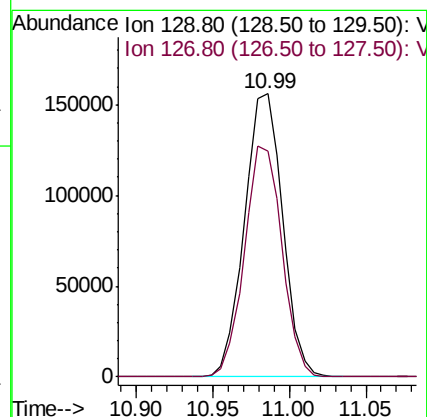
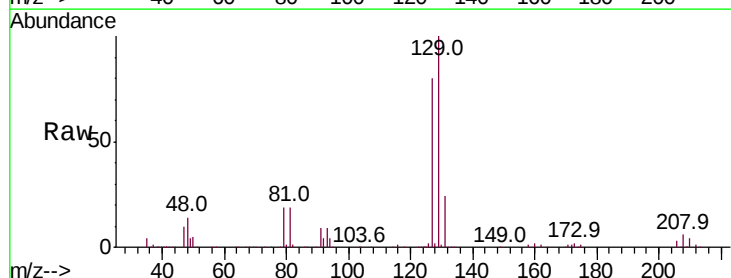
Acq: 26 Sep 2019 12:19

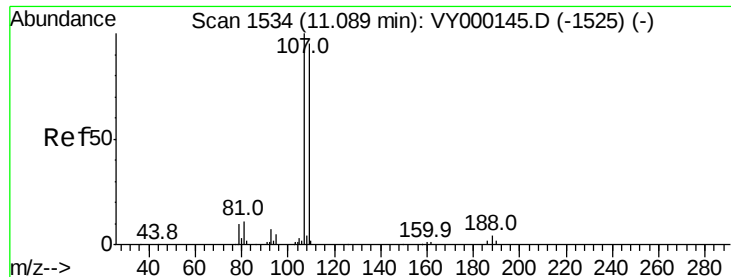
Tgt Ion: 129 Resp: 271369

Ion Ratio Lower Upper

129 100

127 79.9 39.4 118.1

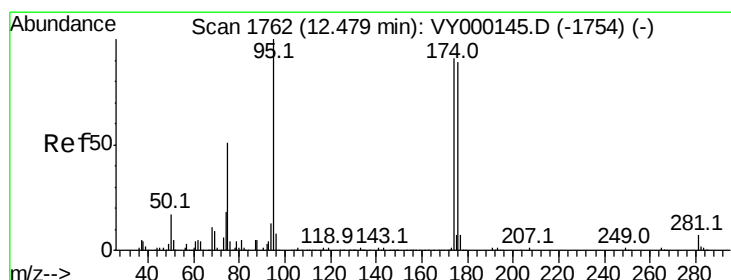
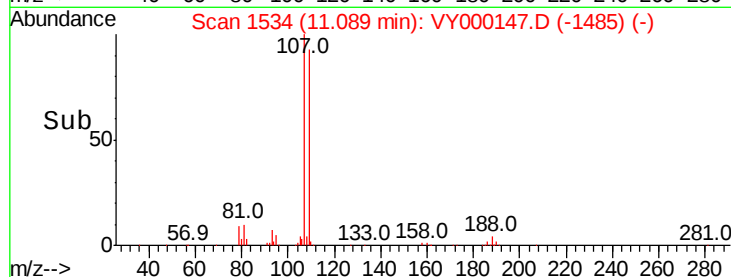
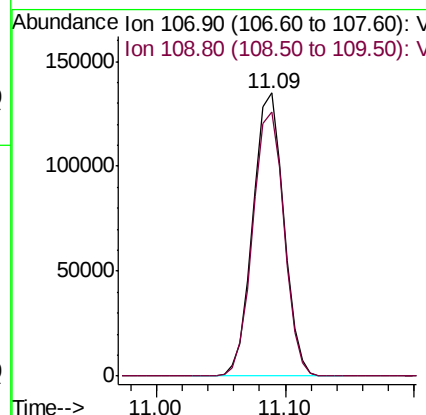
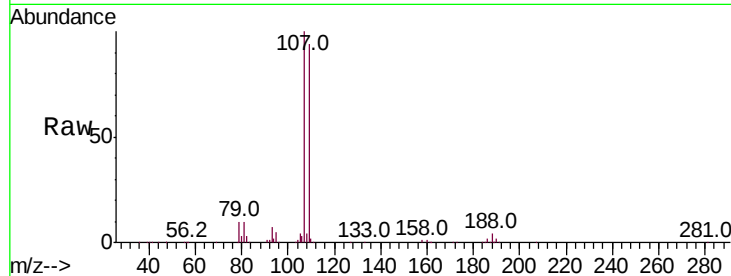




#61
 1,2-Dibromoethane
 Concen: 140.136 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VY000147.D
 Acq: 26 Sep 2019 12:19

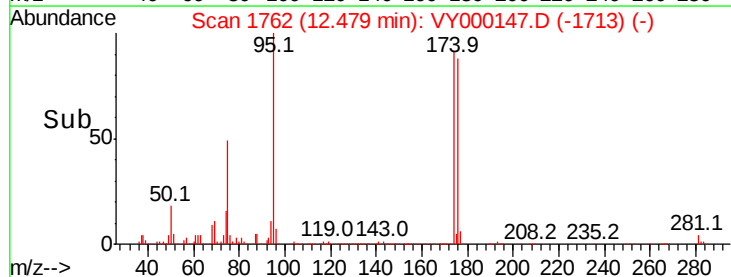
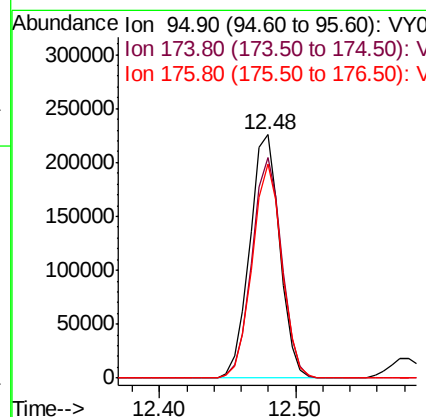
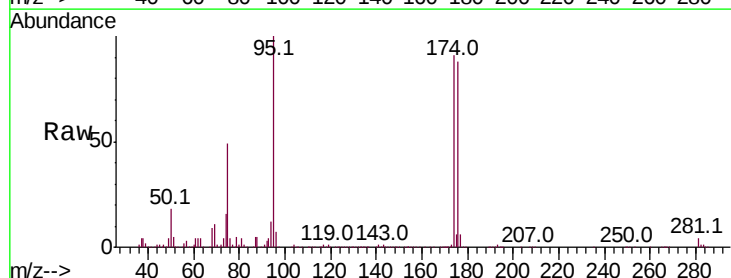
Instrument :
 MSVOA_Y
 ClientSampleId :

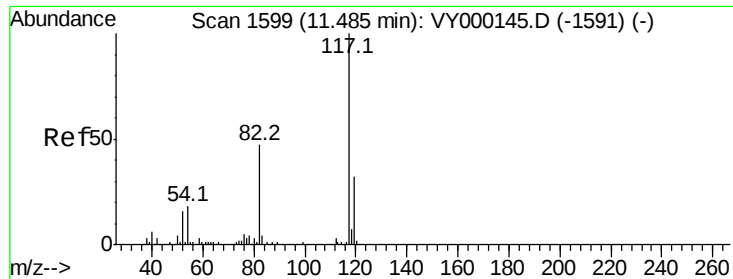
Tot Ion:107 Resp: 222580
 Ion Ratio Lower Upper
 107 100
 109 94.9 75.8 113.8



#62
 4-Bromofluorobenzene
 Concen: 136.702 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: VY000147.D
 Acq: 26 Sep 2019 12:19

Tgt Ion: 95 Resp: 349745
 Ion Ratio Lower Upper
 95 100
 174 89.9 0.0 180.6
 176 86.8 0.0 171.6

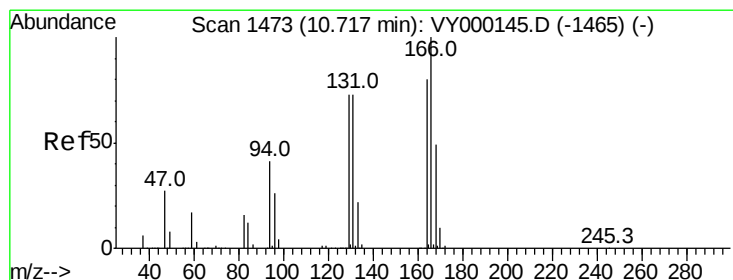
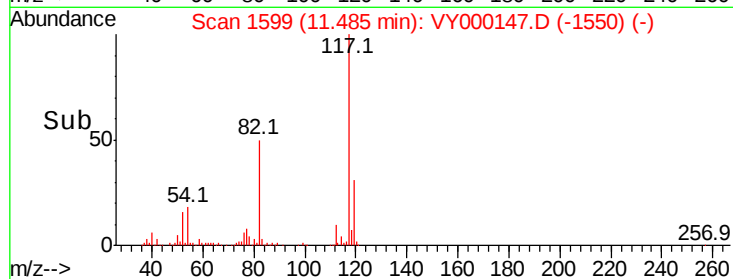
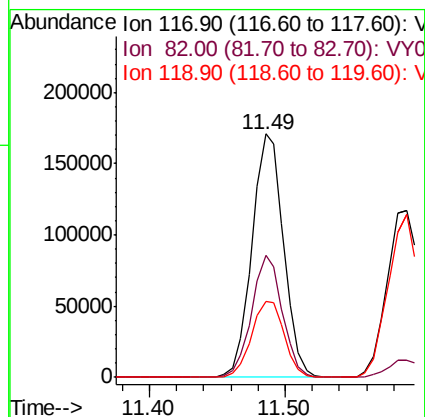
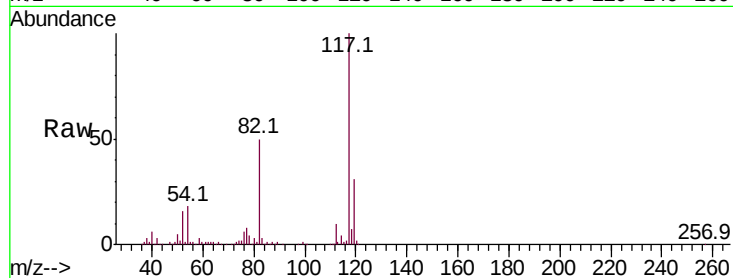




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. 0.00 min
Lab File: VY000147.D
Acq: 26 Sep 2019 12:19

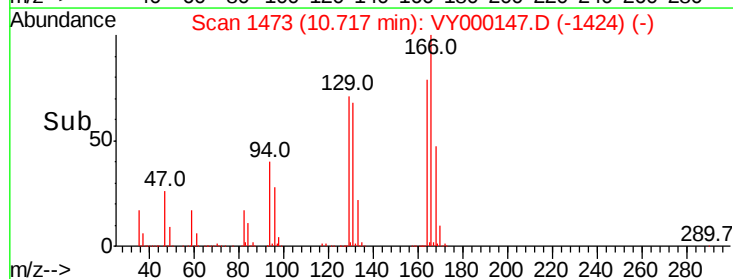
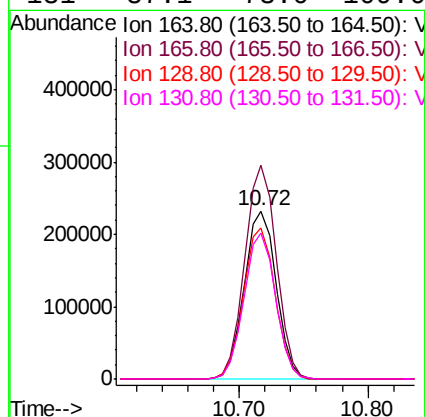
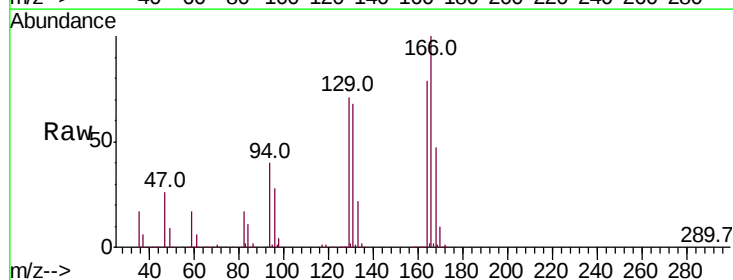
Instrument :
MSVOA_Y
ClientSampleId :

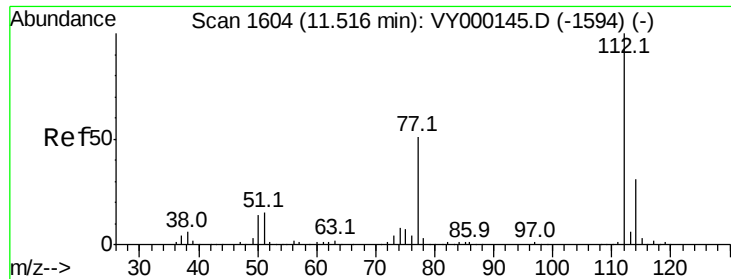
Tot Ion:117 Resp: 278008
Ion Ratio Lower Upper
117 100
82 50.1 37.7 56.5
119 31.4 25.4 38.2



#64
Tetrachloroethene
Concen: 143.947 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY000147.D
Acq: 26 Sep 2019 12:19

Tgt Ion:164 Resp: 396427
Ion Ratio Lower Upper
164 100
166 127.3 99.5 149.3
129 89.9 72.8 109.2
131 87.1 73.0 109.6

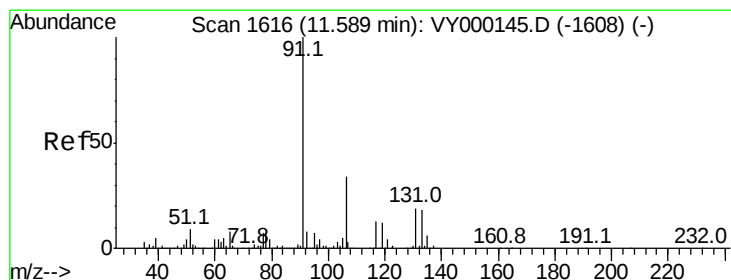
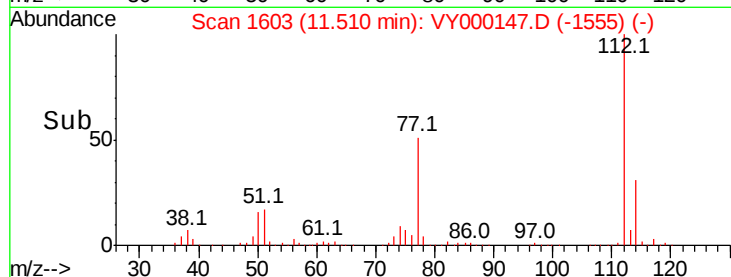
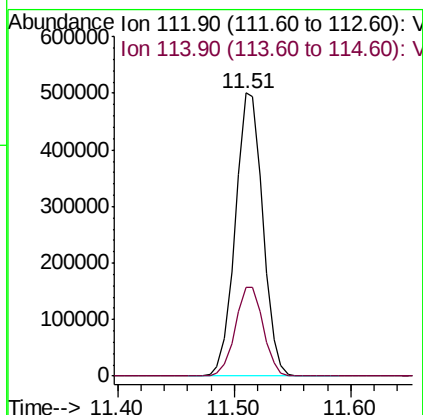
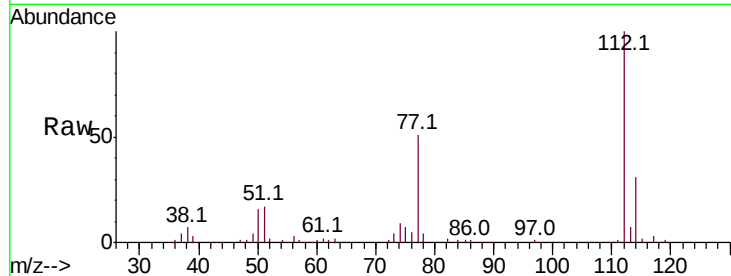




#65
Chlorobenzene
Concen: 142.097 ug/l
RT: 11.51 min Scan# 1603
Delta R.T. -0.01 min
Lab File: VY000147.D
Acq: 26 Sep 2019 12:19

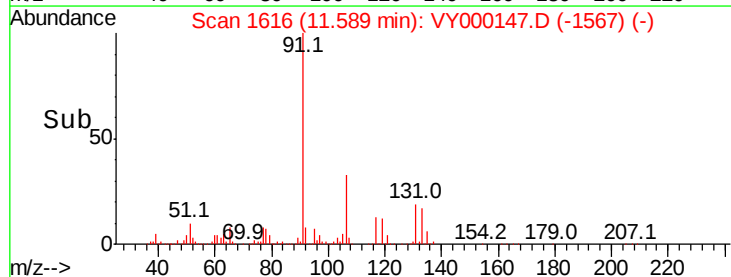
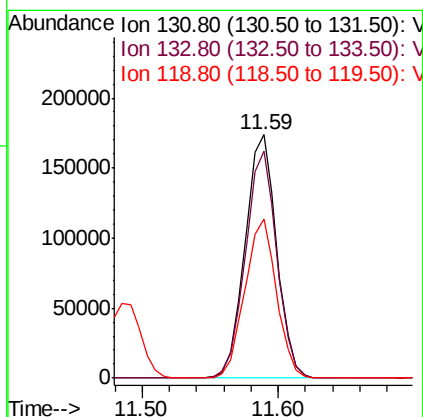
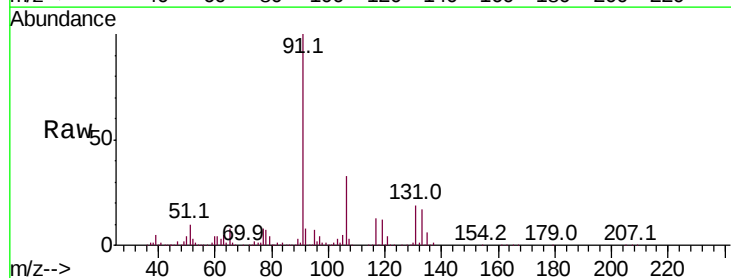
Instrument :
MSVOA_Y
ClientSampleId :

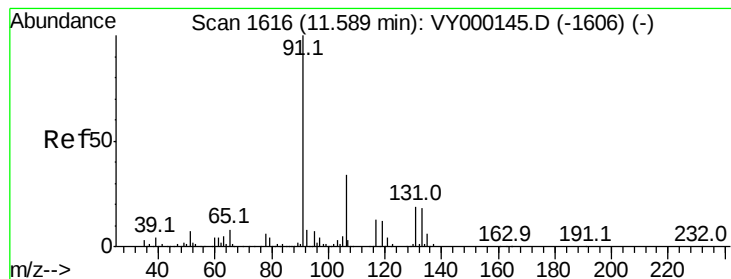
Tot Ion:112 Resp: 822091
Ion Ratio Lower Upper
112 100
114 31.4 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 143.782 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY000147.D
Acq: 26 Sep 2019 12:19

Tgt Ion:131 Resp: 281089
Ion Ratio Lower Upper
131 100
133 93.2 47.2 141.6
119 65.7 32.3 96.9





#67

Ethyl Benzene

Concen: 142.774 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. 0.00 min

Lab File: VY000147.D

Acq: 26 Sep 2019 12:19

Instrument :

MSVOA_Y

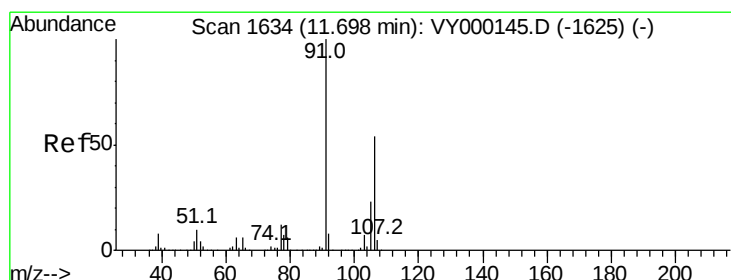
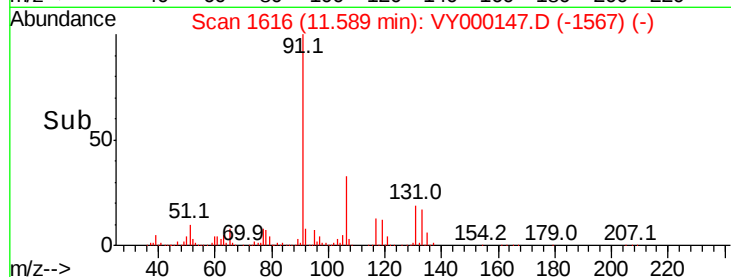
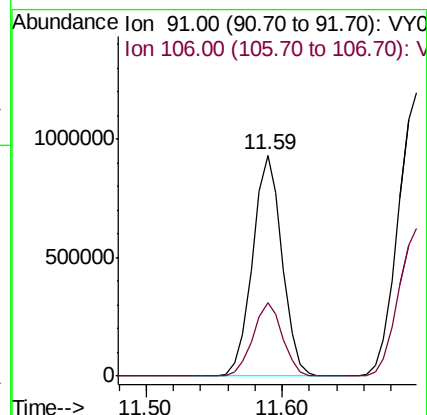
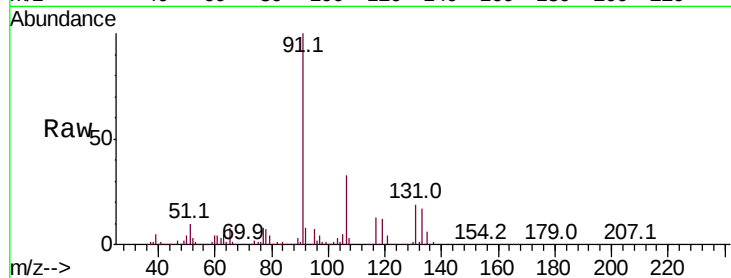
ClientSampleId :

Tot Ion: 91 Resp: 1411961

Ion Ratio Lower Upper

91 100

106 33.1 27.3 40.9



#68

m/p-Xylenes

Concen: 281.750 ug/l

RT: 11.70 min Scan# 1634

Delta R.T. 0.00 min

Lab File: VY000147.D

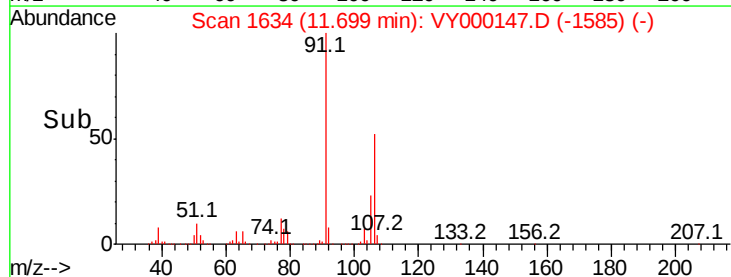
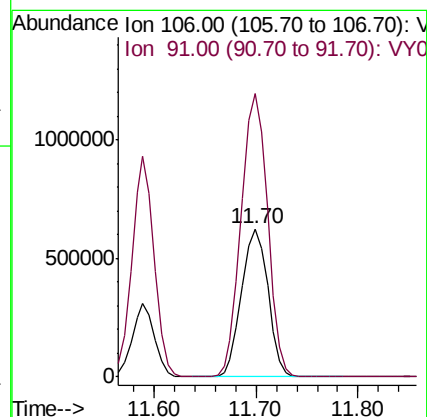
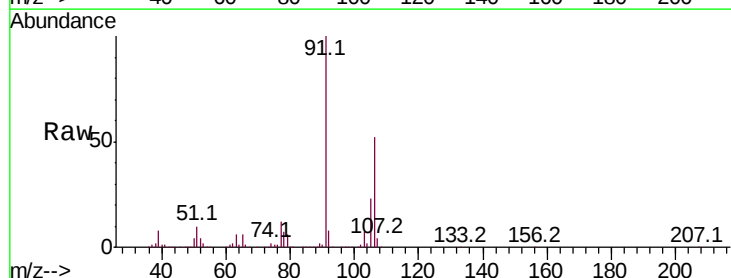
Acq: 26 Sep 2019 12:19

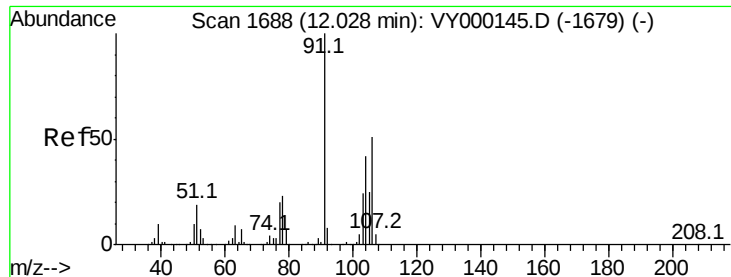
Tgt Ion:106 Resp: 1126414

Ion Ratio Lower Upper

106 100

91 190.9 148.6 223.0

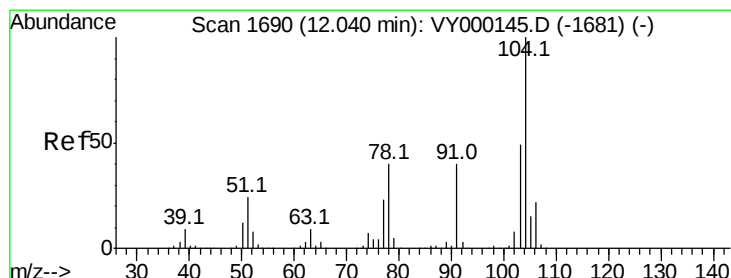
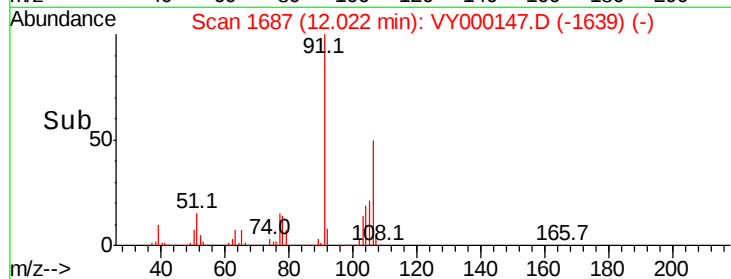
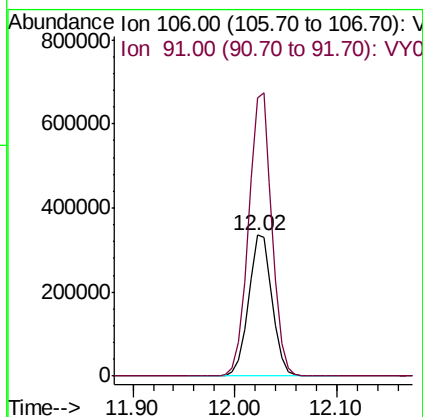
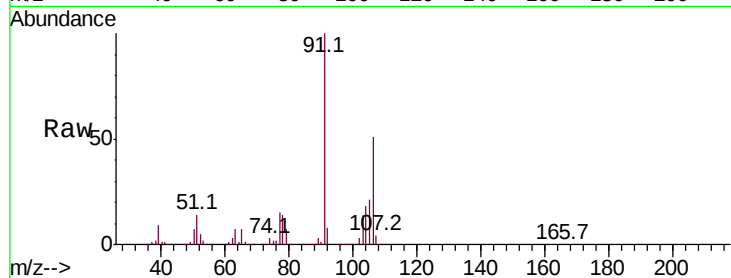




#69
o-Xylene
Concen: 141.263 ug/l
RT: 12.02 min Scan# 1687
Delta R.T. -0.01 min
Lab File: VY000147.D
Acq: 26 Sep 2019 12:19

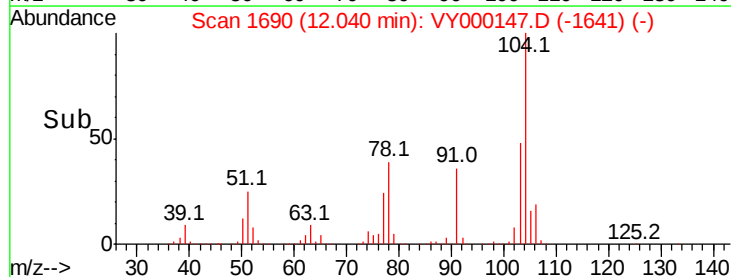
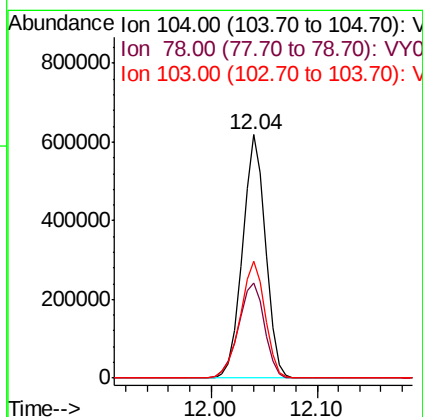
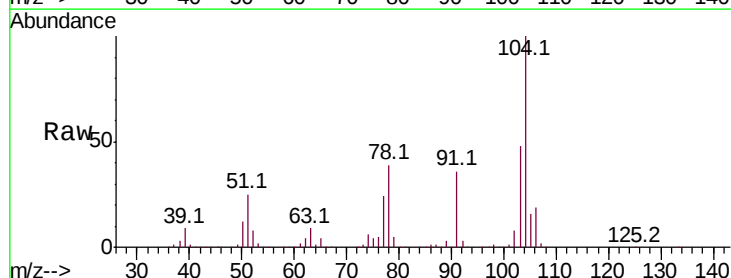
Instrument :
MSVOA_Y
ClientSampled :

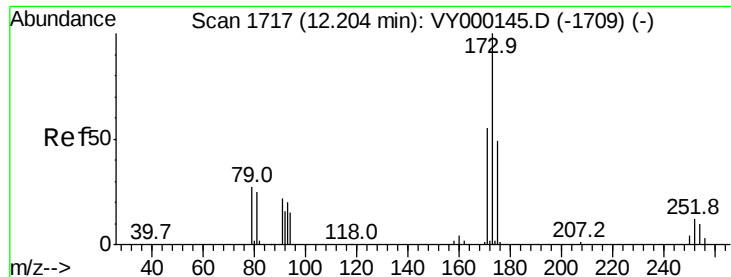
Tot Ion:106 Resp: 538631
Ion Ratio Lower Upper
106 100
91 198.0 98.0 293.9



#70
Styrene
Concen: 145.103 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VY000147.D
Acq: 26 Sep 2019 12:19

Tgt Ion:104 Resp: 936328
Ion Ratio Lower Upper
104 100
78 44.4 34.7 52.1
103 52.1 41.6 62.4

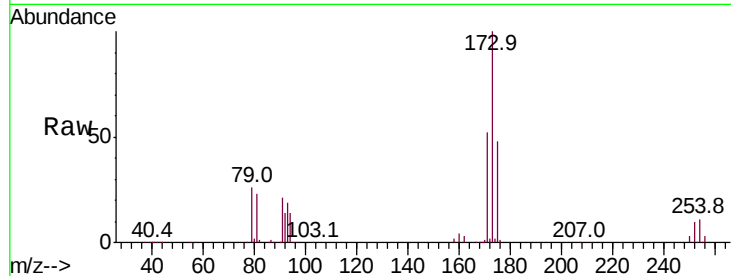




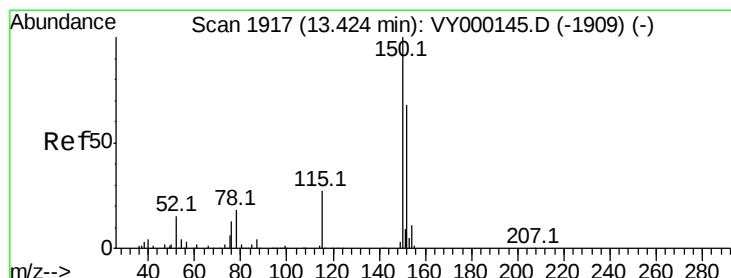
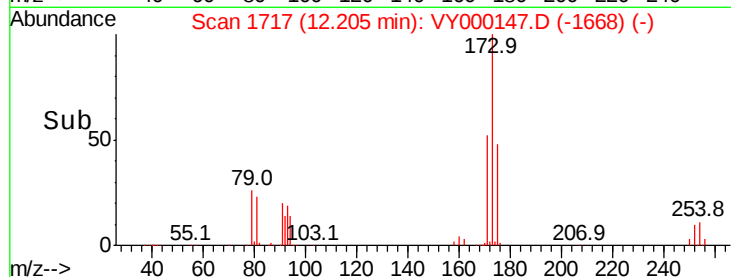
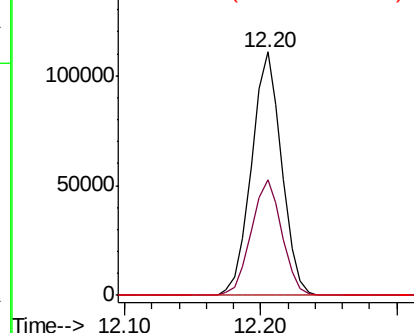
#71
Bromoform
Concen: 149.596 ug/l
RT: 12.20 min Scan# 1717
Delta R.T. 0.00 min
Lab File: VY000147.D
Acq: 26 Sep 2019 12:19

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.2	23.5	70.6
254	0.2	0.1	0.1#

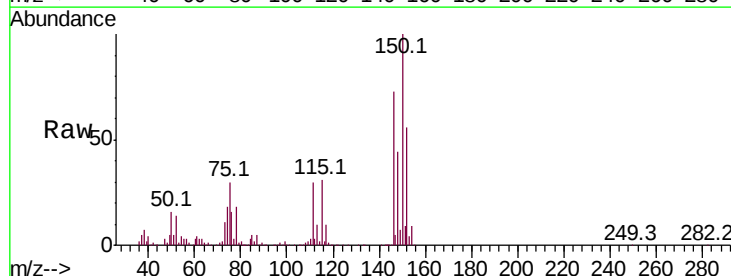


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

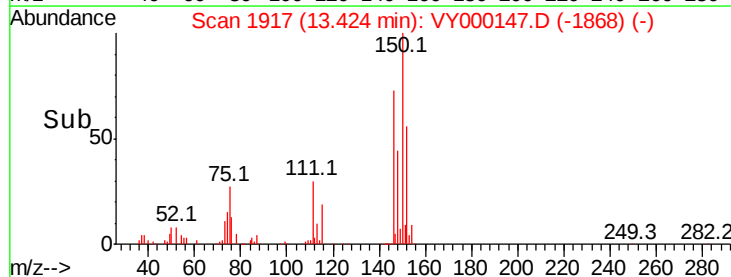
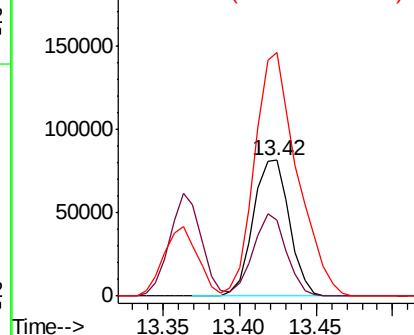


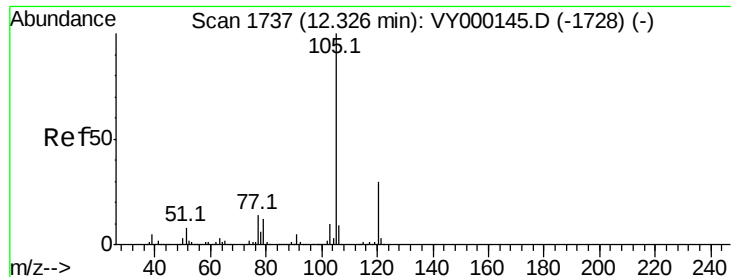
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY000147.D
Acq: 26 Sep 2019 12:19

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.1	26.8	80.4
150	210.0	0.0	347.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 143.952 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VY000147.D

Acq: 26 Sep 2019 12:19

Instrument :

MSVOA_Y

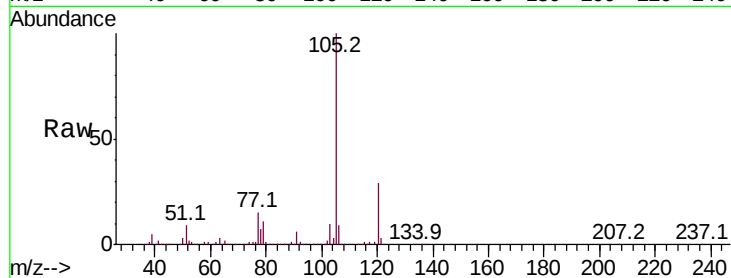
ClientSampleId :

Tot Ion:105 Resp: 1392550

Ion Ratio Lower Upper

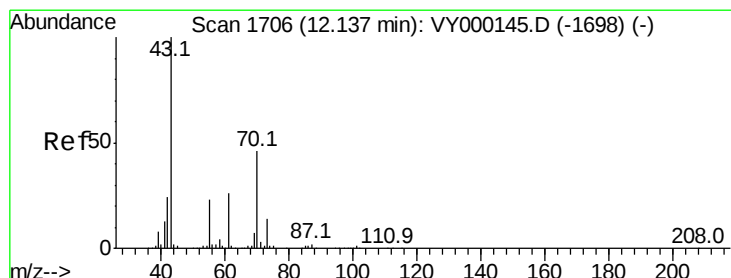
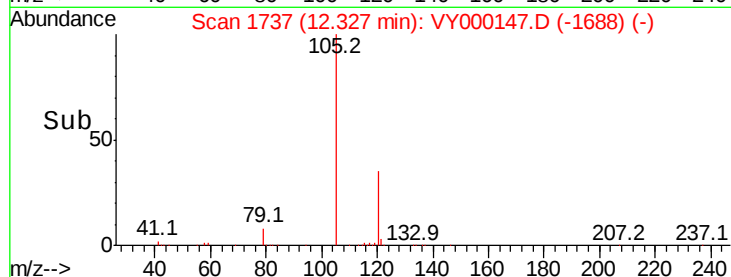
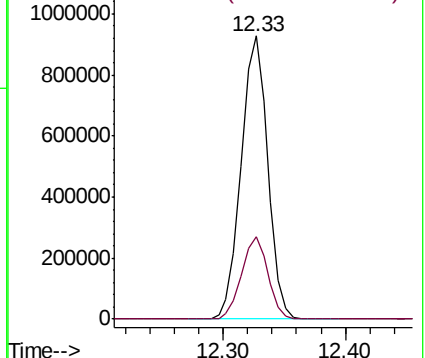
105 100

120 28.7 14.7 44.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 149.364 ug/l

RT: 12.14 min Scan# 1706

Delta R.T. 0.00 min

Lab File: VY000147.D

Acq: 26 Sep 2019 12:19

Tgt Ion: 43 Resp: 349746

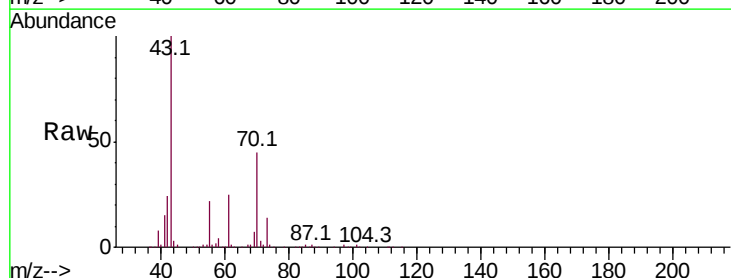
Ion Ratio Lower Upper

43 100

70 45.6 37.3 55.9

55 22.7 18.6 27.8

61 25.4 21.0 31.4

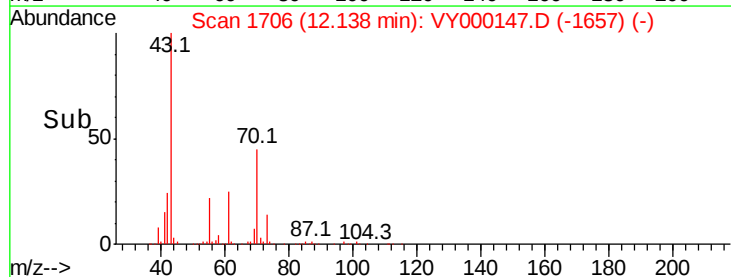
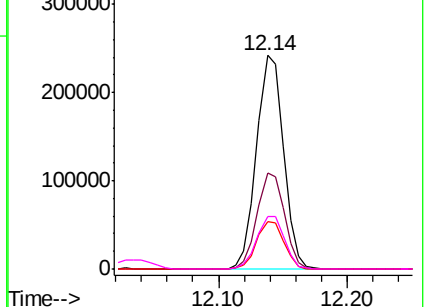


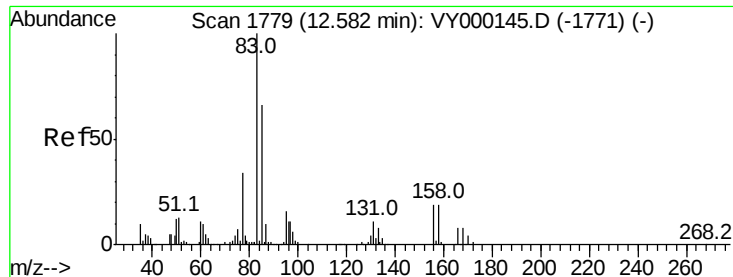
Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0





#75

1,1,2,2-Tetrachloroethane

Concen: 134.884 ug/l

RT: 12.58 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VY000147.D

Acq: 26 Sep 2019 12:19

Instrument :

MSVOA_Y

ClientSampleId :

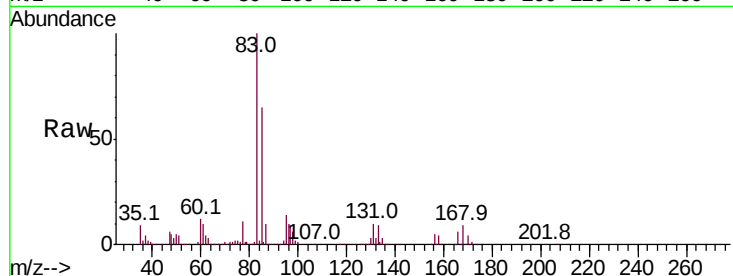
Tot Ion: 83 Resp: 203105

Ion Ratio Lower Upper

83 100

131 11.4 5.4 16.2

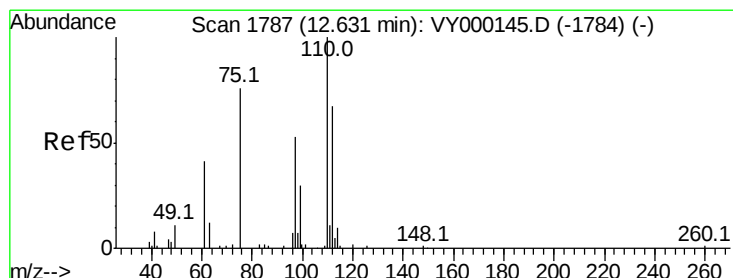
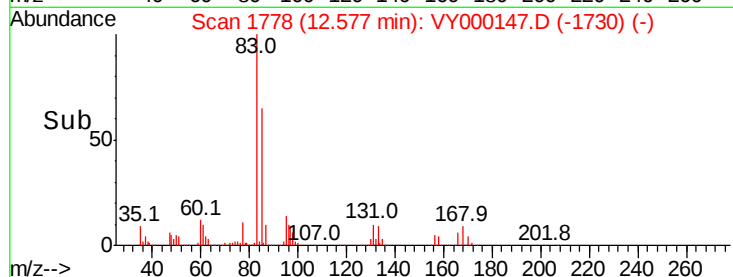
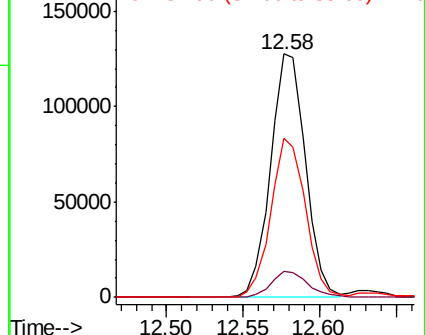
85 64.8 32.5 97.5



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 130.80 (130.50 to 131.50): VY0

Ion 84.90 (84.60 to 85.60): VY0



#76

1,2,3-Trichloropropane

Concen: 255.158 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. 0.00 min

Lab File: VY000147.D

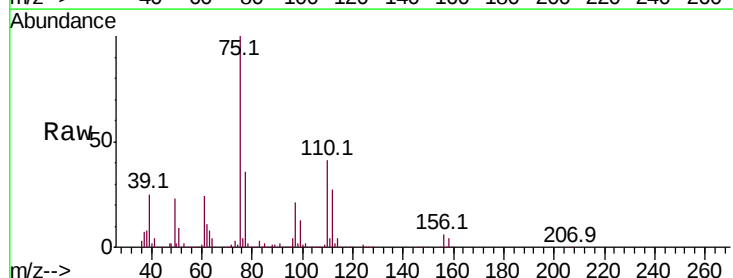
Acq: 26 Sep 2019 12:19

Tgt Ion: 75 Resp: 336974

Ion Ratio Lower Upper

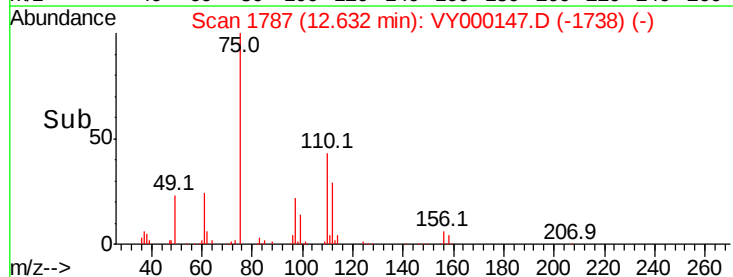
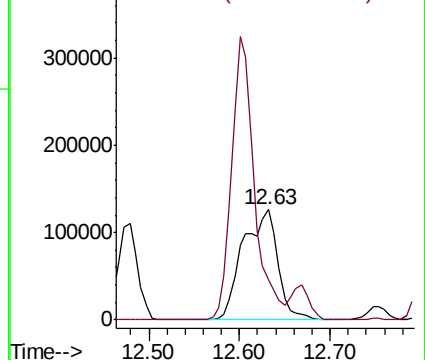
75 100

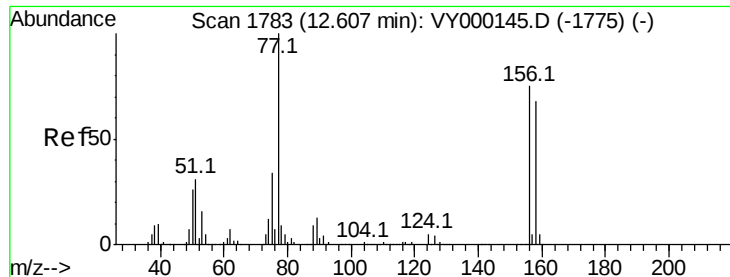
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0





#77

Bromobenzene

Concen: 139.615 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY000147.D

Acq: 26 Sep 2019 12:19

Instrument :

MSVOA_Y

ClientSampleId :

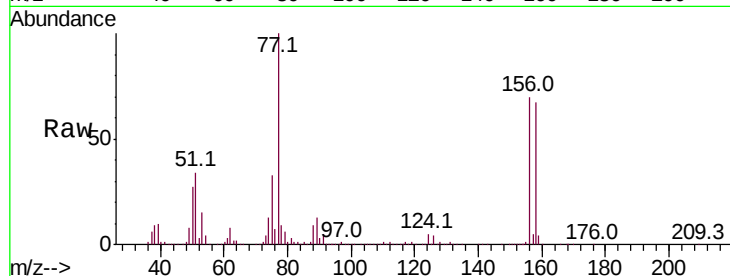
Tot Ion:156 Resp: 333651

Ion Ratio Lower Upper

156 100

77 169.1 83.0 249.2

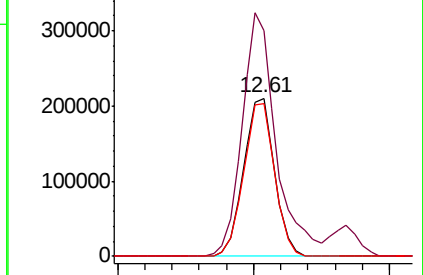
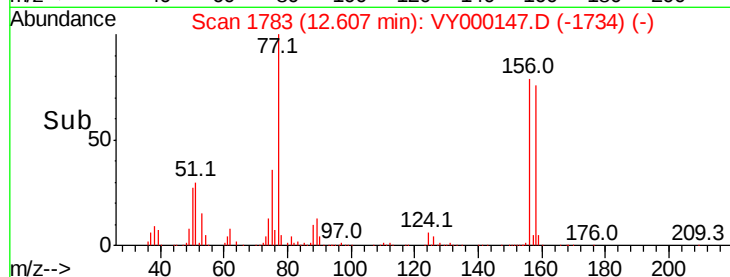
158 96.8 47.4 142.2



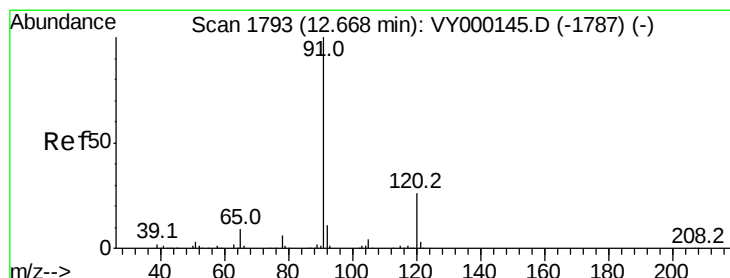
Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



Time--> 12.50 12.60



#78

n-propylbenzene

Concen: 142.362 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VY000147.D

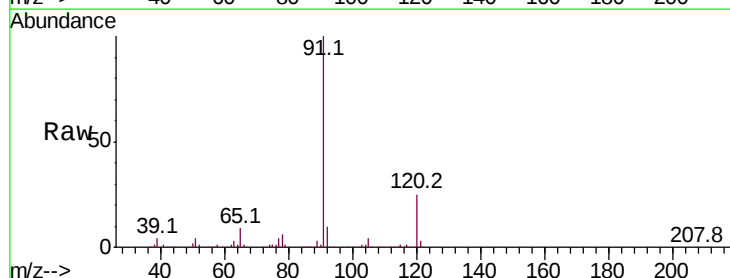
Acq: 26 Sep 2019 12:19

Tgt Ion: 91 Resp: 1641693

Ion Ratio Lower Upper

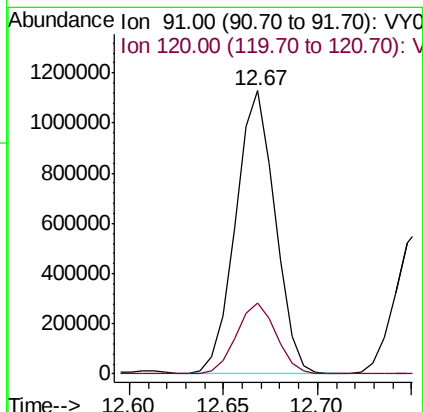
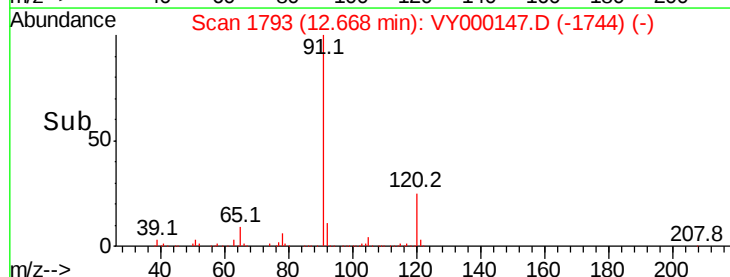
91 100

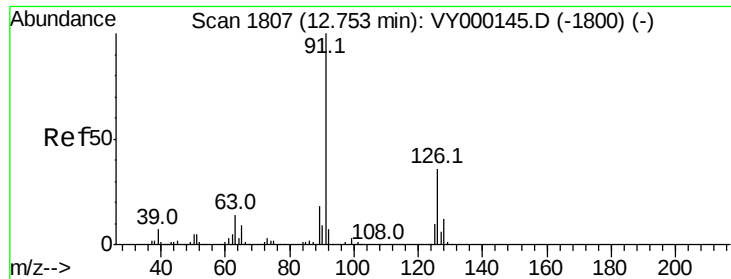
120 25.3 12.8 38.3



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 141.211 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VY000147.D

Acq: 26 Sep 2019 12:19

Instrument :

MSVOA_Y

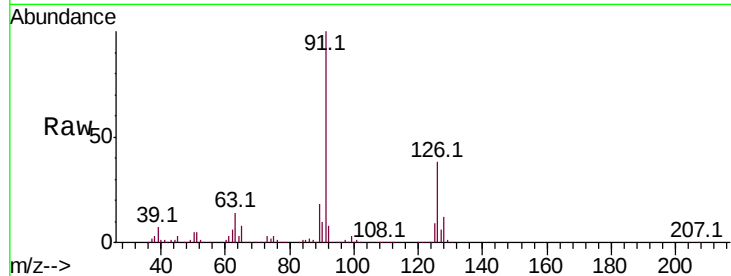
ClientSampleId :

Tot Ion: 91 Resp: 886029

Ion Ratio Lower Upper

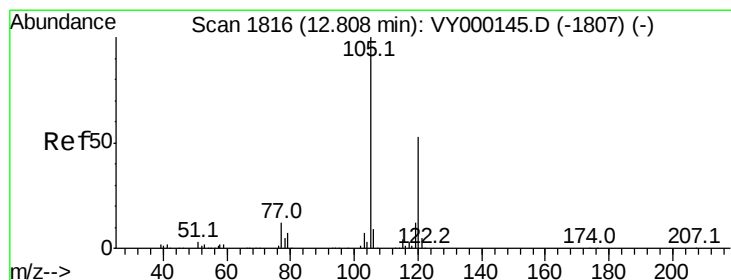
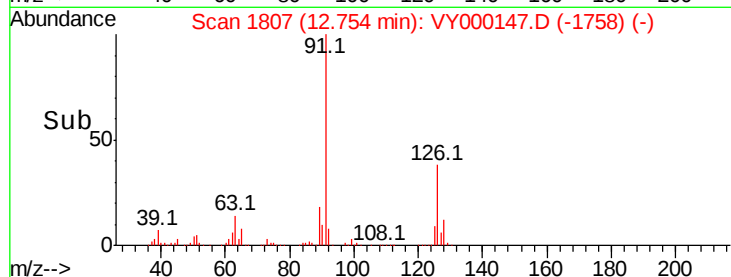
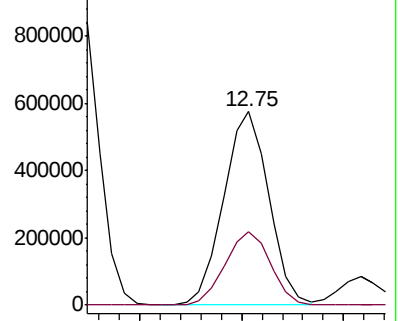
91 100

126 38.2 19.1 57.5



Abundance Ion 91.00 (90.70 to 91.70): VY000145.D (-1800) (-)

Ion 125.90 (125.60 to 126.60): VY000145.D (-1800) (-)



#80

1,3,5-Trimethylbenzene

Concen: 141.406 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. 0.00 min

Lab File: VY000147.D

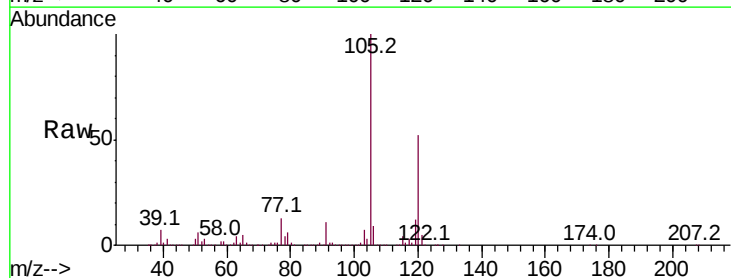
Acq: 26 Sep 2019 12:19

Tgt Ion:105 Resp: 1137907

Ion Ratio Lower Upper

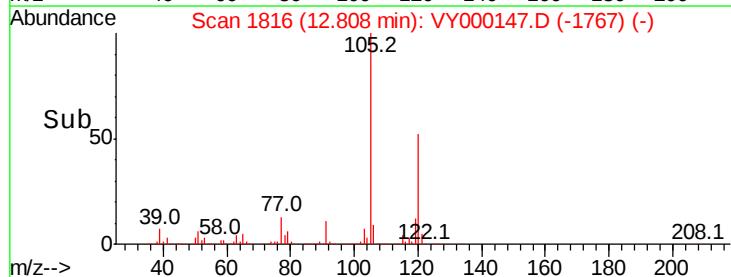
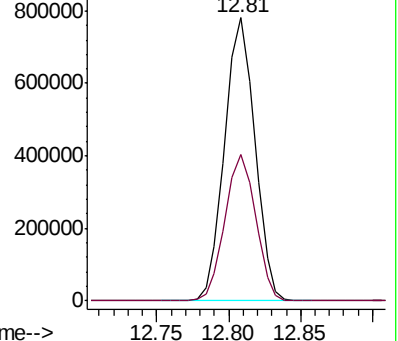
105 100

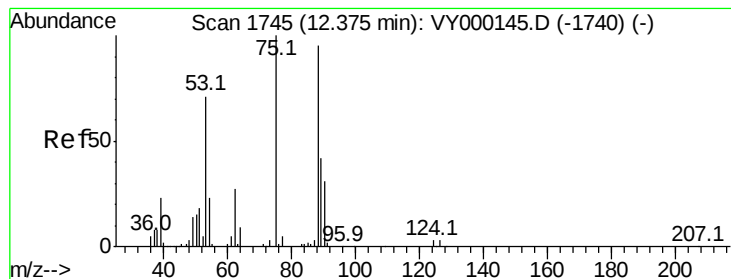
120 52.5 26.7 80.0



Abundance Ion 105.00 (104.70 to 105.70): VY000145.D (-1807) (-)

Ion 120.00 (119.70 to 120.70): VY000145.D (-1807) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 145.039 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. 0.00 min

Lab File: VY000147.D

Acq: 26 Sep 2019 12:19

Instrument :

MSVOA_Y

ClientSampleId :

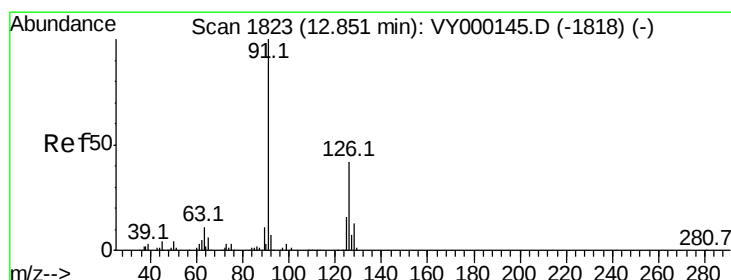
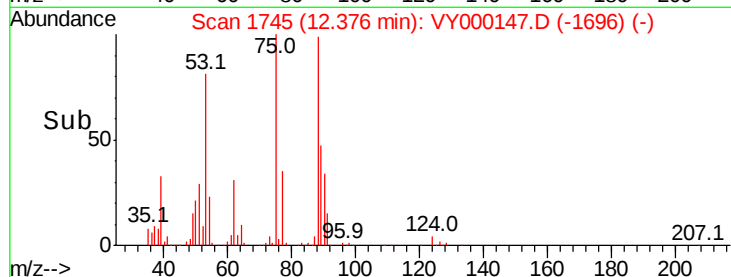
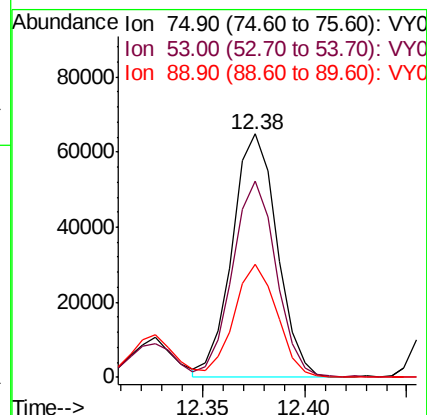
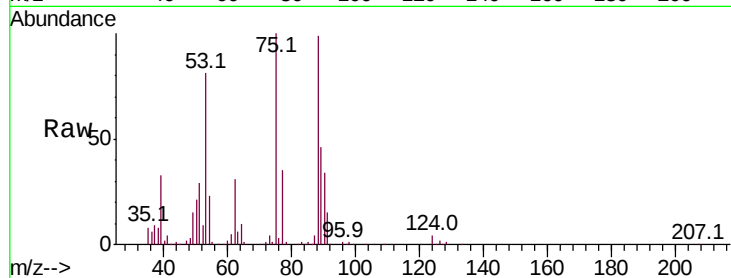
Tot Ion: 75 Resp: 98209

Ion Ratio Lower Upper

75 100

53 79.6 61.8 92.8

89 44.5 35.6 53.4



#82

4-Chlorotoluene

Concen: 143.005 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. 0.00 min

Lab File: VY000147.D

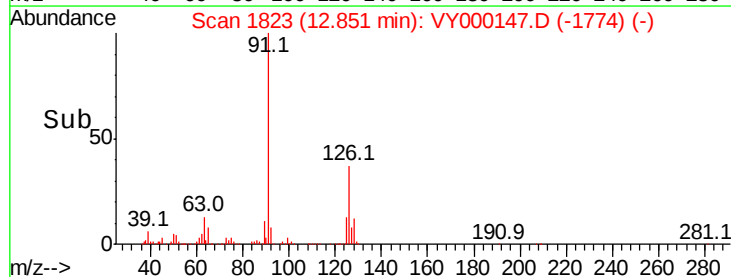
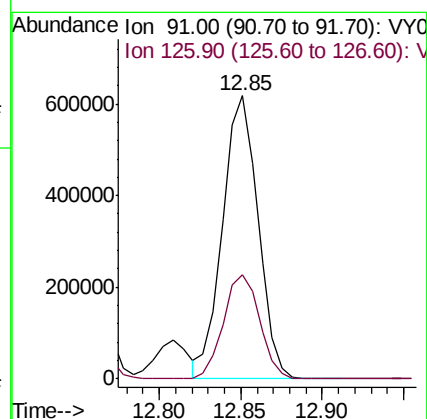
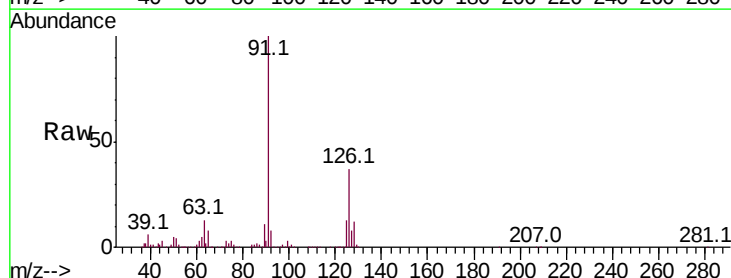
Acq: 26 Sep 2019 12:19

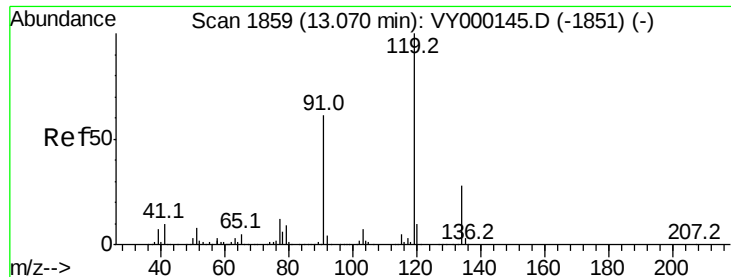
Tgt Ion: 91 Resp: 934889

Ion Ratio Lower Upper

91 100

126 37.8 19.4 58.2





#83

tert-Butylbenzene

Concen: 140.103 ug/l

RT: 13.07 min Scan# 1859

Delta R.T. 0.00 min

Lab File: VY000147.D

Acq: 26 Sep 2019 12:19

Instrument :

MSVOA_Y

ClientSampleId :

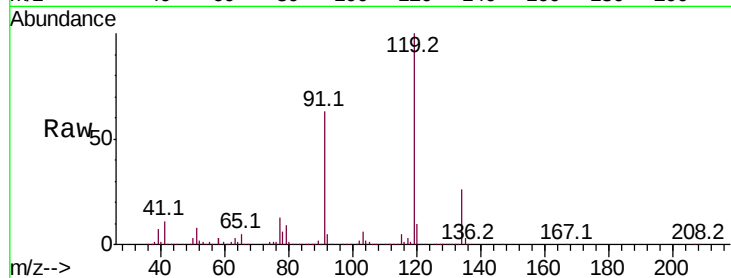
Tot Ion:119 Resp: 970878

Ion Ratio Lower Upper

119 100

91 63.0 31.0 93.0

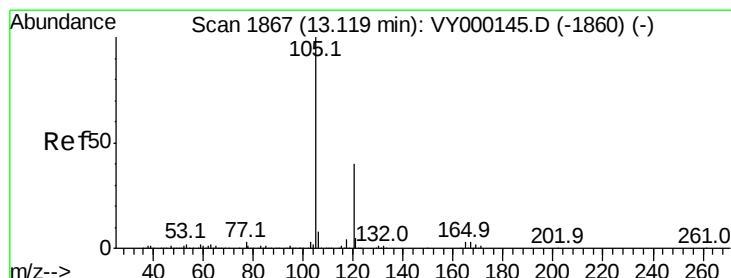
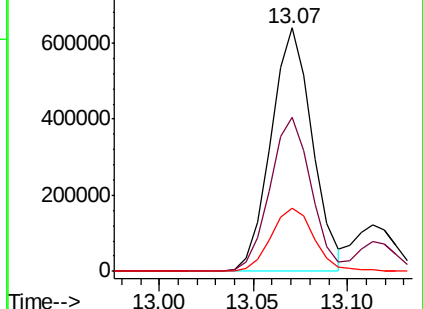
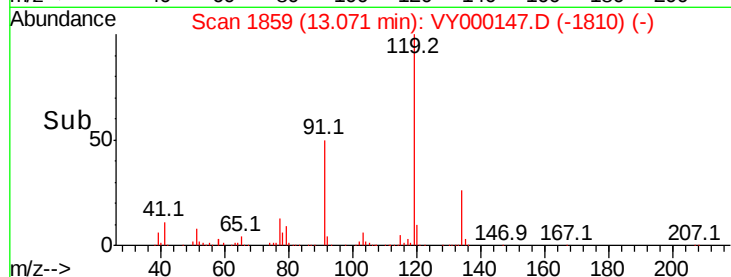
134 27.5 14.0 41.9



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: 140.016 ug/l

RT: 13.11 min Scan# 1866

Delta R.T. -0.01 min

Lab File: VY000147.D

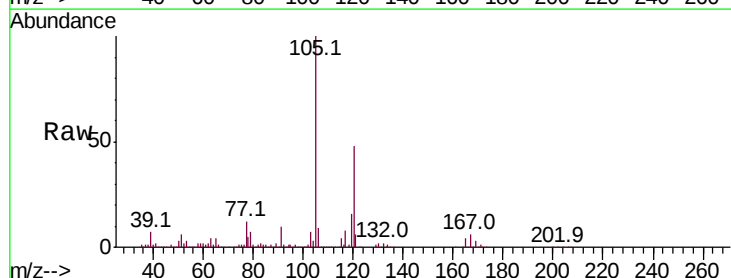
Acq: 26 Sep 2019 12:19

Tgt Ion:105 Resp: 1138649

Ion Ratio Lower Upper

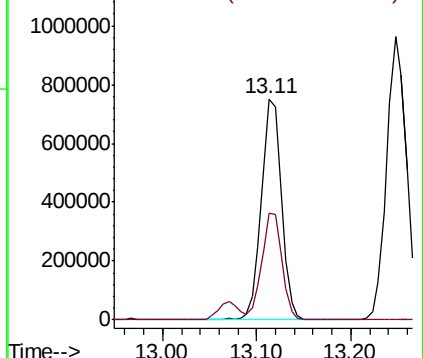
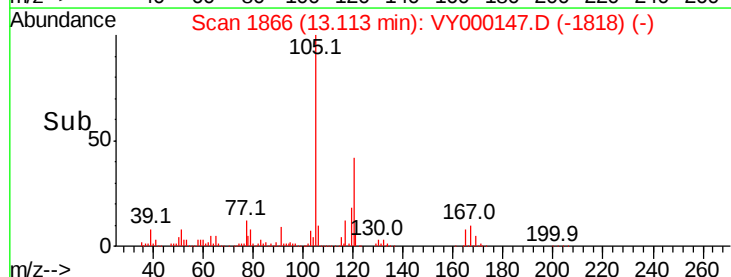
105 100

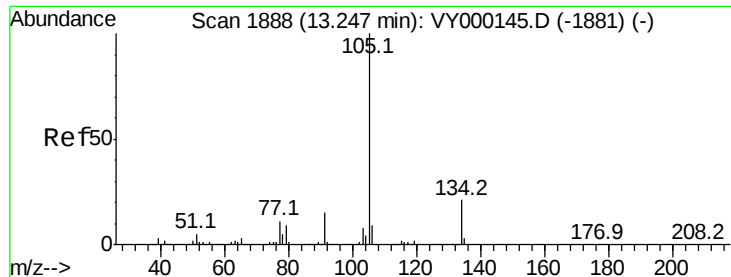
120 48.3 24.6 73.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 141.903 ug/l

RT: 13.25 min Scan# 1888

Delta R.T. 0.00 min

Lab File: VY000147.D

Acq: 26 Sep 2019 12:19

Instrument :

MSVOA_Y

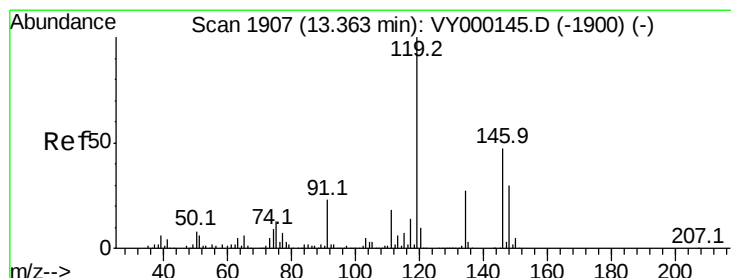
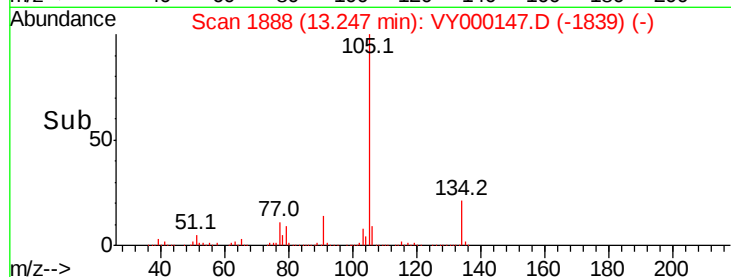
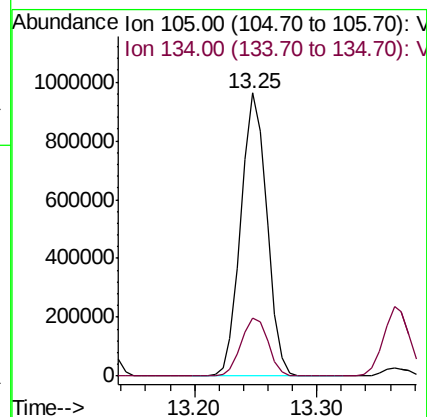
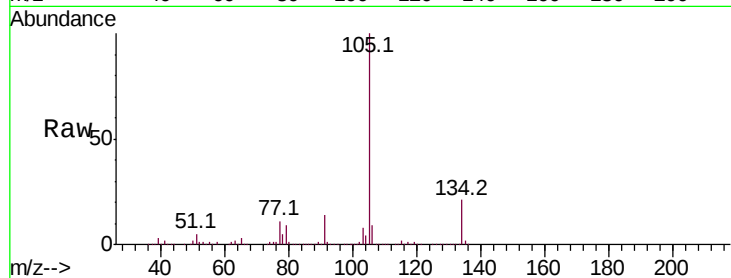
ClientSampleId :

Tot Ion:105 Resp: 1411822

Ion Ratio Lower Upper

105 100

134 21.5 10.9 32.9



#86

p-Isopropyltoluene

Concen: 140.390 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. 0.00 min

Lab File: VY000147.D

Acq: 26 Sep 2019 12:19

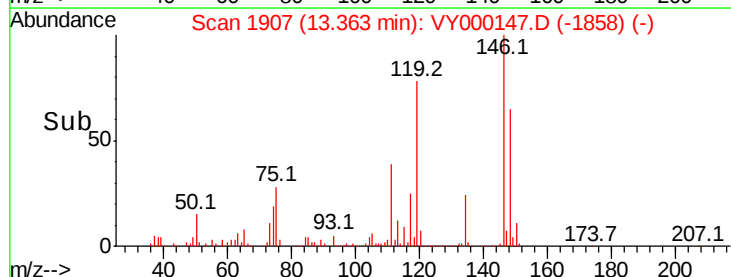
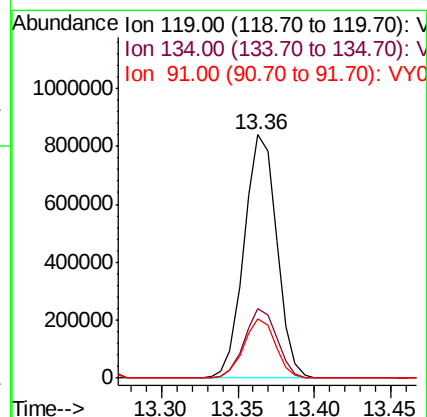
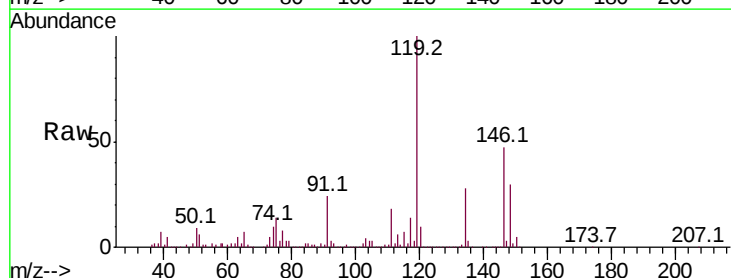
Tgt Ion:119 Resp: 1243855

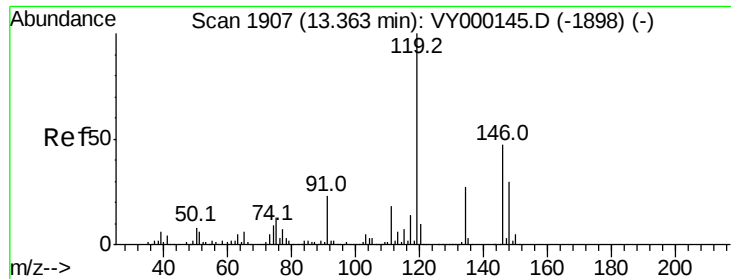
Ion Ratio Lower Upper

119 100

134 28.4 14.3 42.9

91 23.7 11.4 34.1

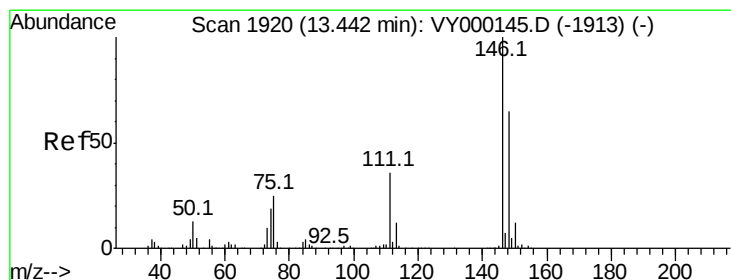
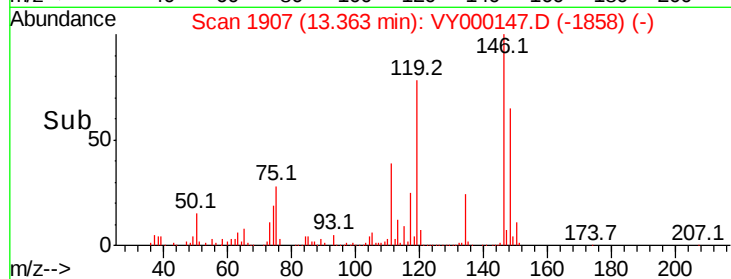
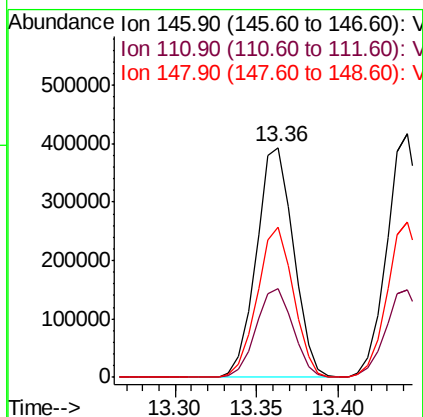
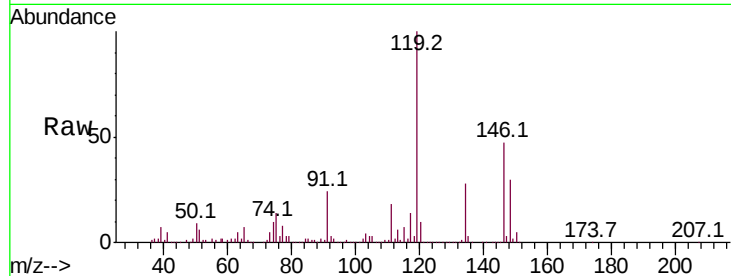




#87
 1,3-Dichlorobenzene
 Concen: 135.641 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VY000147.D
 Acq: 26 Sep 2019 12:19

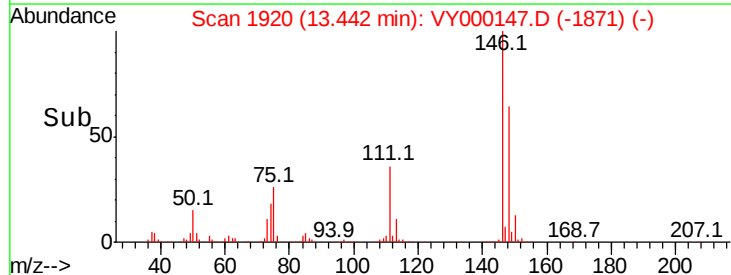
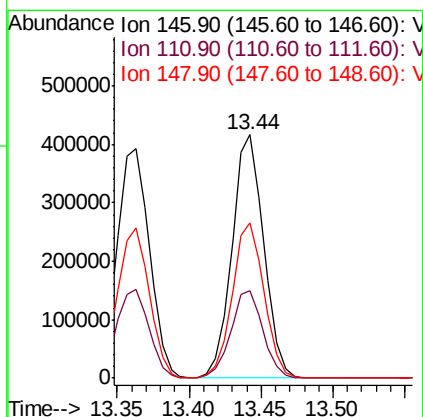
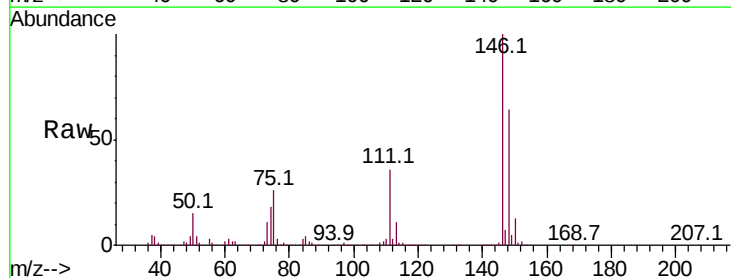
Instrument :
 MSVOA_Y
 ClientSampled :

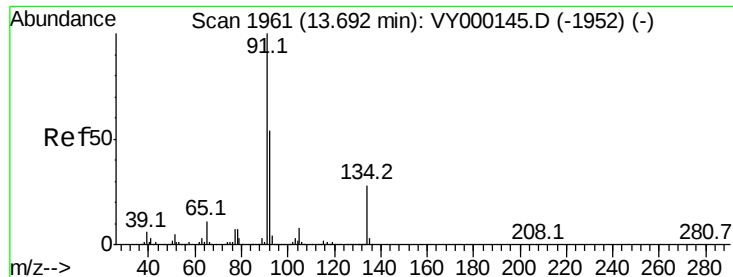
Tot Ion:146 Resp: 621096
 Ion Ratio Lower Upper
 146 100
 111 38.2 19.0 57.0
 148 63.7 31.6 94.8



#88
 1,4-Dichlorobenzene
 Concen: 140.320 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. 0.00 min
 Lab File: VY000147.D
 Acq: 26 Sep 2019 12:19

Tgt Ion:146 Resp: 639582
 Ion Ratio Lower Upper
 146 100
 111 36.2 18.3 54.9
 148 63.8 31.9 95.7

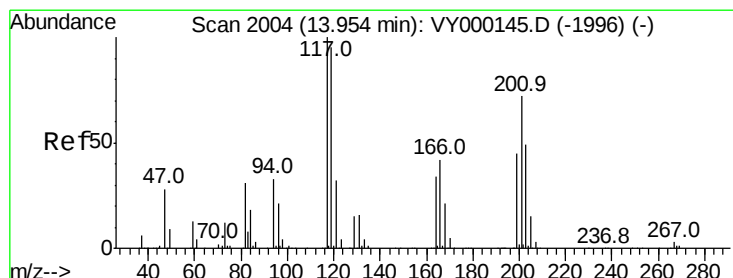
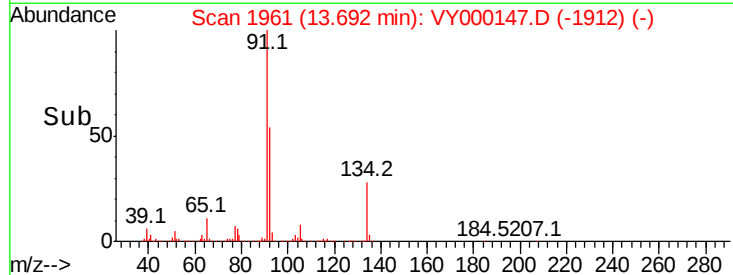
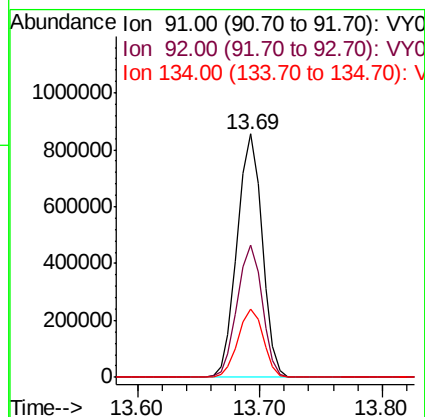
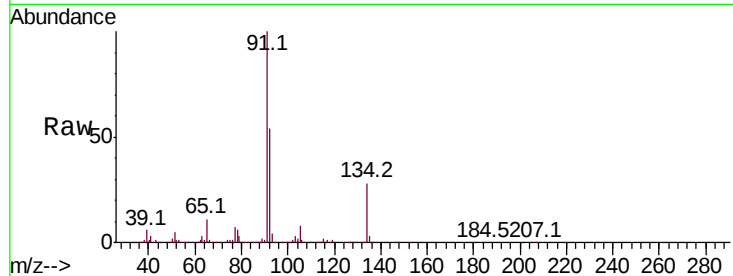




#89
n-Butylbenzene
Concen: 143.574 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. 0.00 min
Lab File: VY000147.D
Acq: 26 Sep 2019 12:19

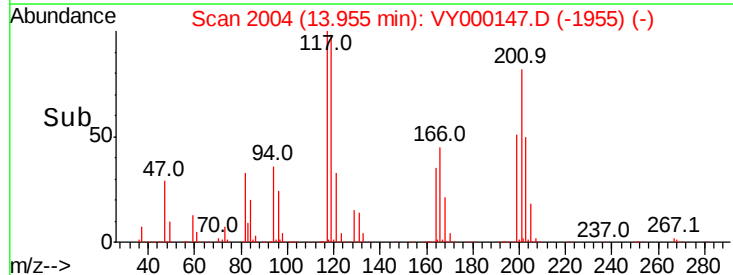
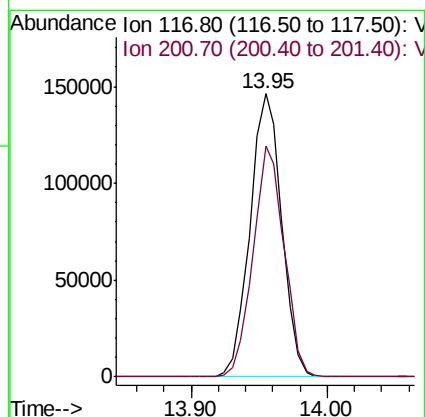
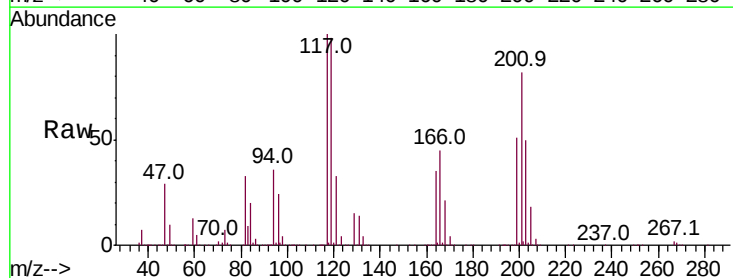
Instrument :
MSVOA_Y
ClientSampled :

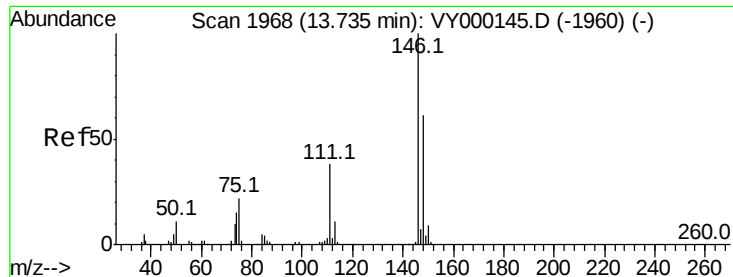
Tot Ion: 91 Resp: 1208897
Ion Ratio Lower Upper
91 100
92 54.5 26.8 80.4
134 28.4 14.4 43.2



#90
Hexachloroethane
Concen: 142.621 ug/l
RT: 13.95 min Scan# 2004
Delta R.T. 0.00 min
Lab File: VY000147.D
Acq: 26 Sep 2019 12:19

Tgt Ion: 117 Resp: 238726
Ion Ratio Lower Upper
117 100
201 79.9 38.6 115.8





#91

1,2-Dichlorobenzene

Concen: 138.944 ug/l

RT: 13.74 min Scan# 1968

Delta R.T. 0.00 min

Lab File: VY000147.D

Acq: 26 Sep 2019 12:19

Instrument :

MSVOA_Y

ClientSampleId :

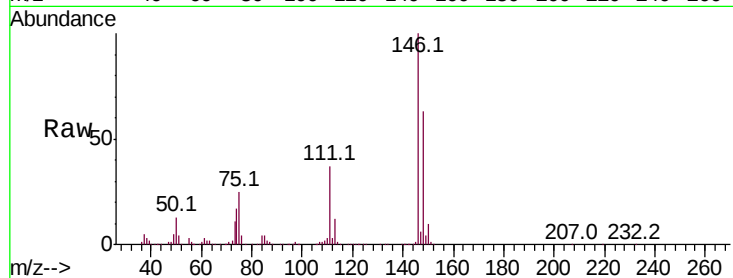
Tot Ion:146 Resp: 581298

Ion Ratio Lower Upper

146 100

111 38.0 19.2 57.6

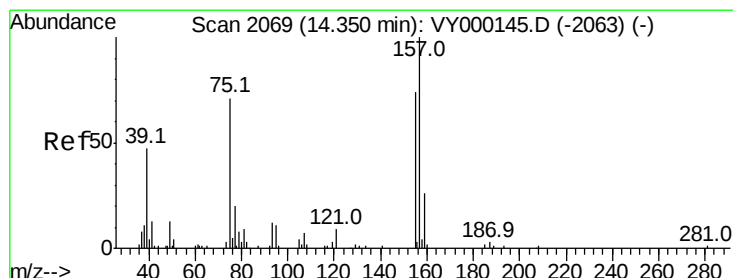
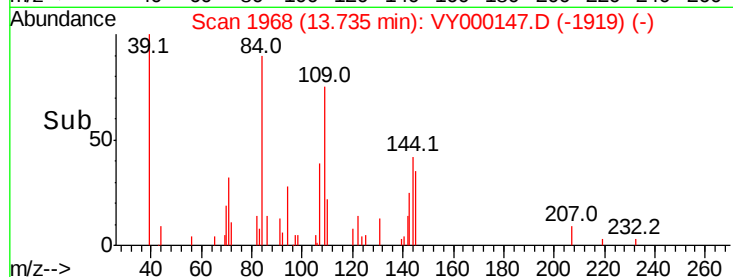
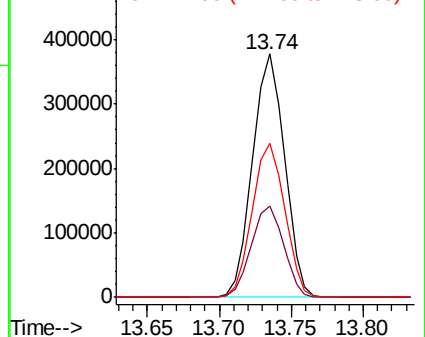
148 64.4 31.9 95.7



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 144.077 ug/l

RT: 14.35 min Scan# 2069

Delta R.T. 0.00 min

Lab File: VY000147.D

Acq: 26 Sep 2019 12:19

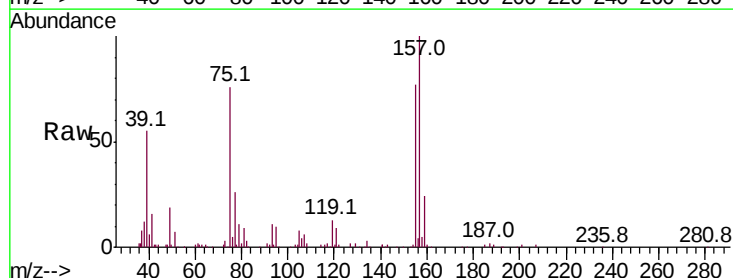
Tgt Ion: 75 Resp: 42806

Ion Ratio Lower Upper

75 100

155 104.0 51.3 153.9

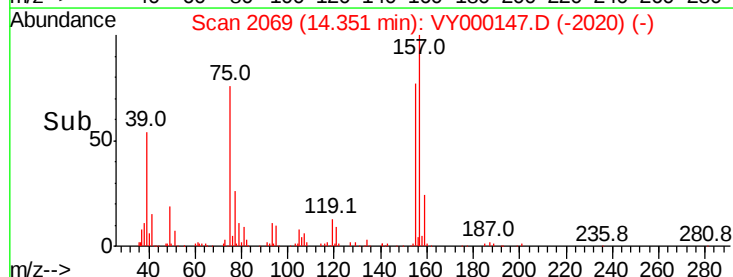
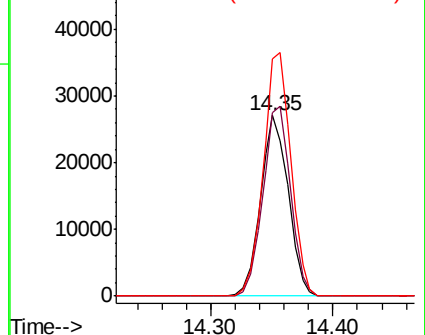
157 133.7 67.3 201.8

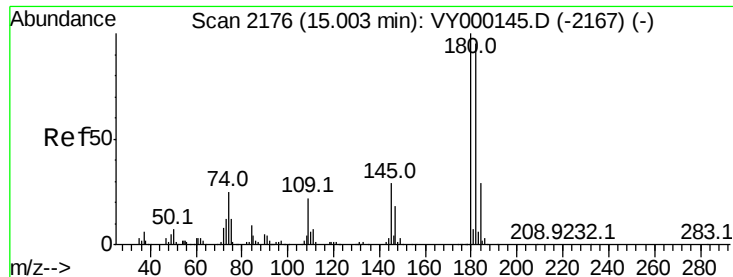


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

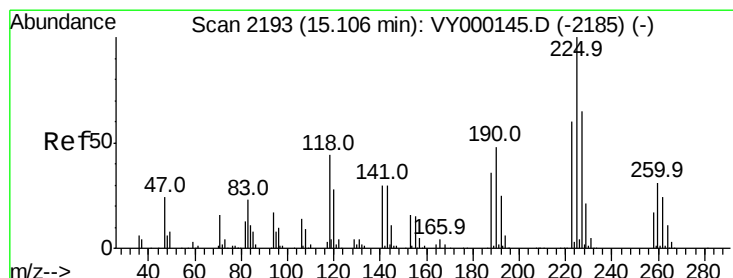
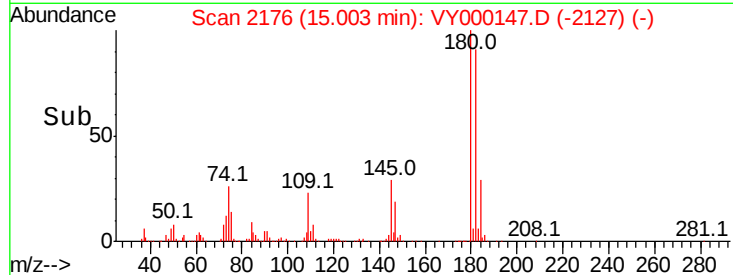
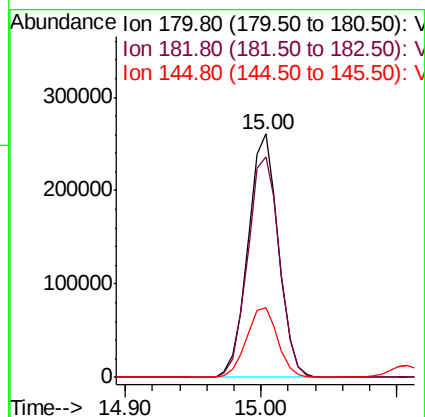
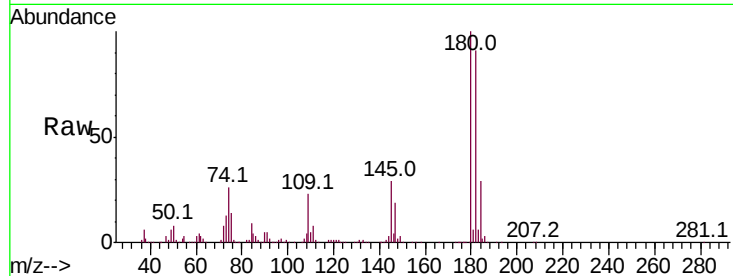




#93
 1,2,4-Trichlorobenzene
 Concen: 140.378 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VY000147.D
 Acq: 26 Sep 2019 12:19

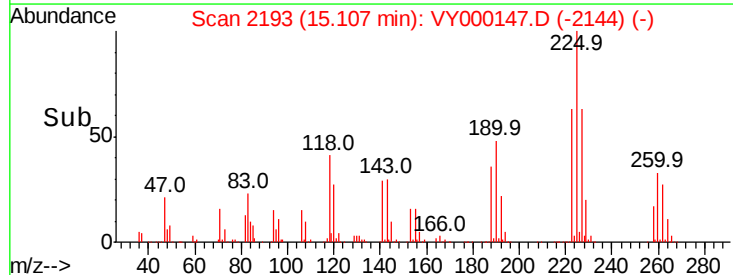
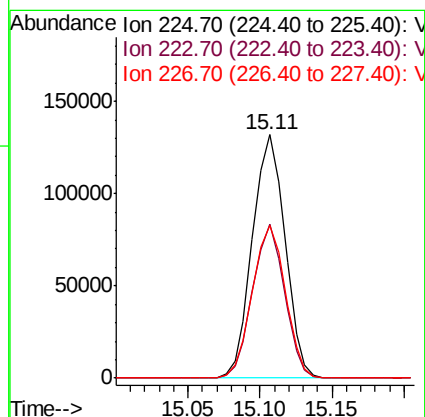
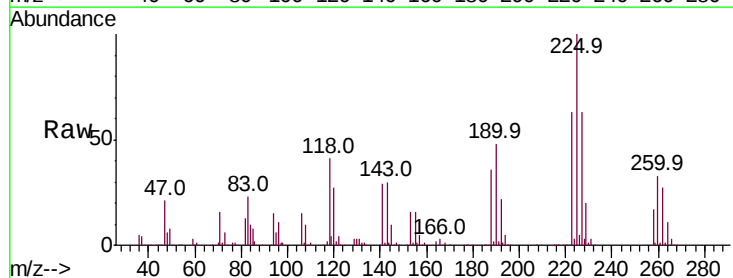
Instrument :
 MSVOA_Y
 ClientSampleId :

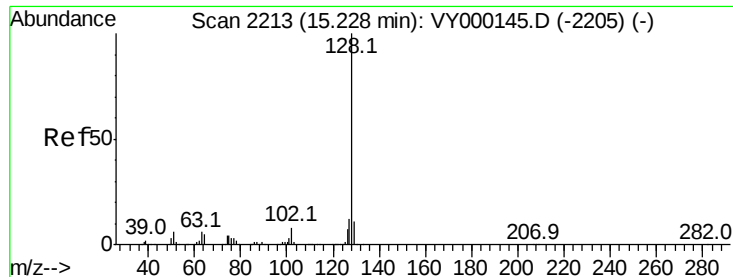
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.3	47.0	141.2
145	29.5	14.6	44.0



#94
 Hexachlorobutadiene
 Concen: 146.074 ug/l
 RT: 15.11 min Scan# 2193
 Delta R.T. 0.00 min
 Lab File: VY000147.D
 Acq: 26 Sep 2019 12:19

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.7	31.5	94.5
227	63.6	32.4	97.0

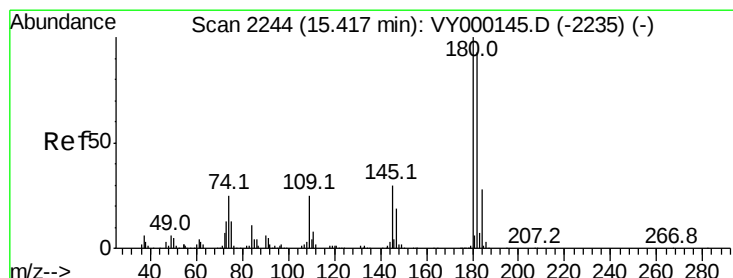
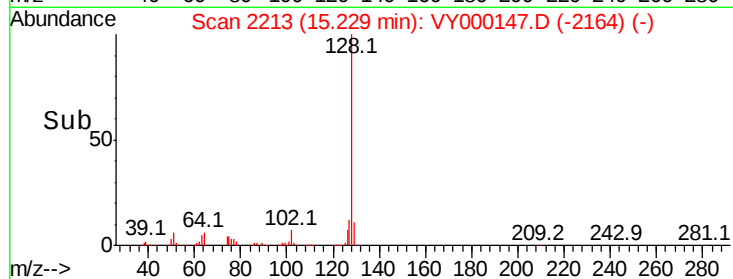
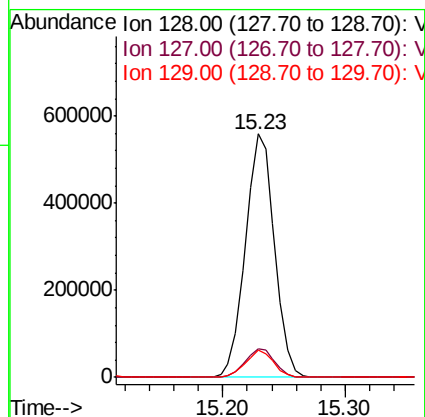
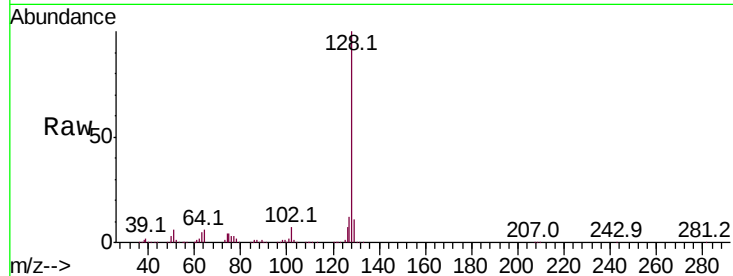




#95
Naphthalene
Concen: 141.040 ug/l
RT: 15.23 min Scan# 2213
Delta R.T. 0.00 min
Lab File: VY000147.D
Acq: 26 Sep 2019 12:19

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.0	9.5	14.3
129	10.8	8.6	12.8



#96
1,2,3-Trichlorobenzene
Concen: 141.561 ug/l
RT: 15.42 min Scan# 2244
Delta R.T. 0.00 min
Lab File: VY000147.D
Acq: 26 Sep 2019 12:19

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.8	46.6	139.7
145	30.6	15.4	46.4

