

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY092619\
 Data File : VY000150.D
 Acq On : 26 Sep 2019 14:11
 Operator : SY/MD
 Sample : VY0926SBS01
 Misc : 5.00g/5.00ml/MSVOA Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 26 14:40:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y092619S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 26 14:30:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.79	168	203459	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	333335	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	292691	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	140896	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	81848	45.94	ug/l	0.00
Spiked Amount			Recovery	=	91.88%	
35) Dibromofluoromethane	7.72	113	86890	49.77	ug/l	0.00
Spiked Amount			Recovery	=	99.54%	
50) Toluene-d8	10.17	98	366716	49.64	ug/l	0.00
Spiked Amount			Recovery	=	99.28%	
62) 4-Bromofluorobenzene	12.48	95	120868	44.89	ug/l	0.00
Spiked Amount			Recovery	=	89.78%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.90	85	33466	20.568	ug/l	93
3) Chloromethane	2.11	50	46215	19.566	ug/l	94
4) Vinyl Chloride	2.25	62	49127	19.375	ug/l	100
5) Bromomethane	2.63	94	34375	20.105	ug/l	97
6) Chloroethane	2.78	64	31029	19.712	ug/l	92
7) Trichlorofluoromethane	3.12	101	61089	19.988	ug/l	99
8) Diethyl Ether	3.52	74	23147	18.996	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.89	101	38038	19.067	ug/l	97
10) Methyl Iodide	4.09	142	50136	16.299	ug/l	98
11) Tert butyl alcohol	4.96	59	16856	94.689	ug/l #	84
12) 1,1-Dichloroethene	3.86	96	40176	19.203	ug/l	94
13) Acrolein	3.73	56	22579	102.134	ug/l	97
14) Allyl chloride	4.47	41	50146	19.154	ug/l	98
15) Acrylonitrile	5.16	53	51228	92.442	ug/l	98
16) Acetone	3.94	43	36113	79.899	ug/l	93
17) Carbon Disulfide	4.18	76	124482	19.182	ug/l	99
18) Methyl Acetate	4.47	43	24714	19.126	ug/l	95
19) Methyl tert-butyl Ether	5.22	73	92738	18.724	ug/l	96
20) Methylene Chloride	4.71	84	51237	20.412	ug/l	98
21) trans-1,2-Dichloroethene	5.21	96	43585	18.698	ug/l	92
22) Diisopropyl ether	6.11	45	99991	18.174	ug/l	94
23) Vinyl Acetate	6.07	43	326606	94.720	ug/l	98
24) 1,1-Dichloroethane	6.02	63	61755	18.541	ug/l	95
25) 2-Butanone	6.99	43	61199	89.465	ug/l	94
26) 2,2-Dichloropropane	6.98	77	59000	19.482	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	47826	18.462	ug/l	96
28) Bromochloromethane	7.33	49	22585	17.798	ug/l	98
29) Tetrahydrofuran	7.35	42	39214	92.991	ug/l	99
30) Chloroform	7.50	83	64393	18.472	ug/l	98
31) Cyclohexane	7.78	56	64504	18.733	ug/l	94
32) 1,1,1-Trichloroethane	7.70	97	59059	19.322	ug/l	97
36) 1,1-Dichloropropene	7.91	75	53951	19.476	ug/l	98
37) Ethyl Acetate	7.08	43	27068	18.498	ug/l	97
38) Carbon Tetrachloride	7.89	117	52532	19.426	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.18	83	74479	18.956	ug/l	95
40) Benzene	8.16	78	167387	19.129	ug/l	98
41) Methacrylonitrile	7.35	41	36134	51.264	ug/l #	100
42) 1,2-Dichloroethane	8.24	62	39314	18.465	ug/l	99
43) Isopropyl Acetate	8.28	43	50633	18.732	ug/l	100
44) Trichloroethene	8.94	130	51727	18.498	ug/l	97
45) 1,2-Dichloropropane	9.22	63	37598	19.478	ug/l	94
46) Dibromomethane	9.31	93	22220	18.862	ug/l	98
47) Bromodichloromethane	9.50	83	48700	18.340	ug/l	95
48) Methyl methacrylate	9.30	41	23256	19.213	ug/l	95
49) 1,4-Dioxane	9.30	88	7522	413.289	ug/l #	94
51) 4-Methyl-2-Pentanone	10.07	43	132123	94.171	ug/l	98
52) Toluene	10.24	92	105852	18.679	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	52788	18.925	ug/l	98
54) cis-1,3-Dichloropropene	9.93	75	61880	18.720	ug/l	95
55) 1,1,2-Trichloroethane	10.64	97	32812	18.732	ug/l	91
56) Ethyl methacrylate	10.50	69	42973	18.860	ug/l	99
57) 1,3-Dichloropropane	10.79	76	53188	18.896	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.78	63	103383	96.601	ug/l	98
59) 2-Hexanone	10.83	43	94905	95.175	ug/l	99
60) Dibromochloromethane	10.99	129	37560	18.968	ug/l	95
61) 1,2-Dibromoethane	11.08	107	31794	19.021	ug/l	97
64) Tetrachloroethene	10.72	164	53243	18.363	ug/l	96
65) Chlorobenzene	11.52	112	115341	18.936	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.58	131	38813	18.858	ug/l	97
67) Ethyl Benzene	11.59	91	196487	18.872	ug/l	99
68) m/p-Xylenes	11.70	106	162564	38.622	ug/l	97
69) o-Xylene	12.03	106	74143	18.470	ug/l	96
70) Styrene	12.04	104	129055	18.996	ug/l	98
71) Bromoform	12.20	173	23069	19.074	ug/l #	100
73) Isopropylbenzene	12.33	105	195067	19.189	ug/l	97
74) N-amyl acetate	12.14	43	45259	18.393	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	31315	19.790	ug/l	100
76) 1,2,3-Trichloropropane	12.63	75	48706	34.348	ug/l #	100
77) Bromobenzene	12.61	156	47291	18.831	ug/l	99
78) n-propylbenzene	12.67	91	227679	18.788	ug/l	100
79) 2-Chlorotoluene	12.75	91	126034	19.115	ug/l	98
80) 1,3,5-Trimethylbenzene	12.81	105	159601	18.874	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	13733	19.300	ug/l	98
82) 4-Chlorotoluene	12.85	91	132301	19.258	ug/l	98
83) tert-Butylbenzene	13.07	119	140448	19.287	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	163564	19.140	ug/l	100
85) sec-Butylbenzene	13.25	105	198850	19.019	ug/l	100
86) p-Isopropyltoluene	13.36	119	177215	19.034	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	91360	18.987	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	87800	18.331	ug/l	95
89) n-Butylbenzene	13.69	91	168290	19.020	ug/l	100
90) Hexachloroethane	13.95	117	33860	19.250	ug/l	94
91) 1,2-Dichlorobenzene	13.74	146	83552	19.005	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.35	75	5774	18.494	ug/l	92

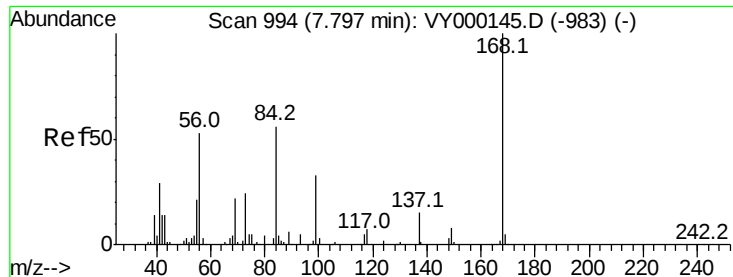
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY092619\
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	59011	19.346	ug/l	98
94) Hexachlorobutadiene	15.11	225	28463	19.125	ug/l	98
95) Naphthalene	15.23	128	129741	18.995	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	51871	18.961	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: VY000150.D

Acq: 26 Sep 2019 14:11

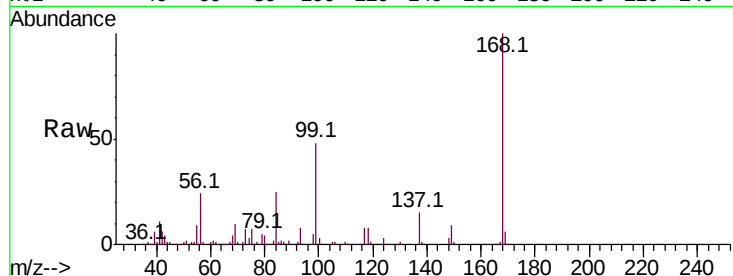
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:168 Resp: 203459

Ion Ratio Lower Upper

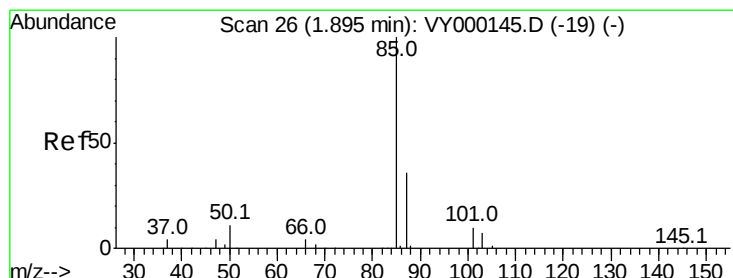
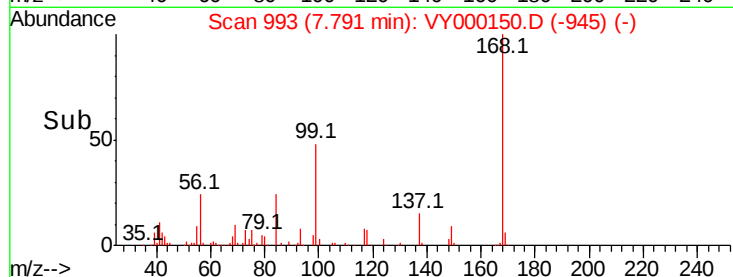
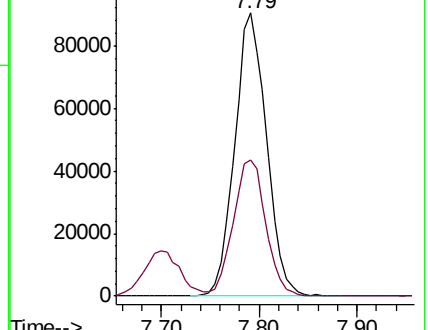
168 100

99 47.9 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) (-)



#2

Dichlorodifluoromethane

Concen: 20.568 ug/l

RT: 1.90 min Scan# 27

Delta R.T. 0.01 min

Lab File: VY000150.D

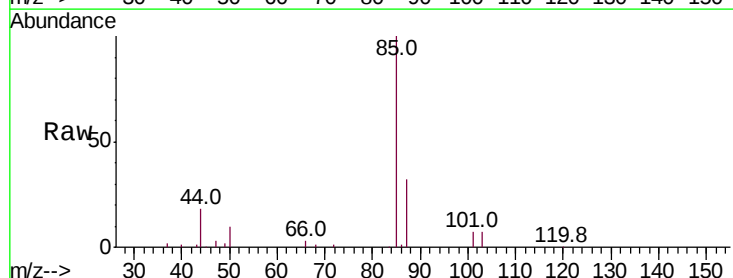
Acq: 26 Sep 2019 14:11

Tgt Ion: 85 Resp: 33466

Ion Ratio Lower Upper

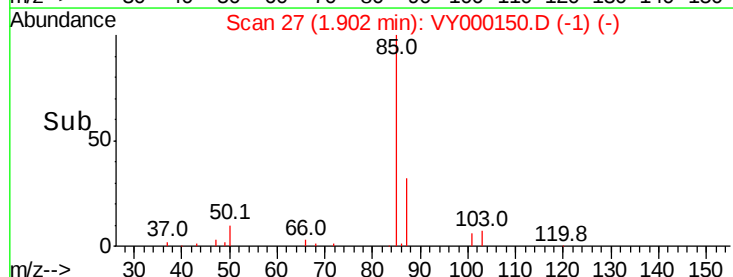
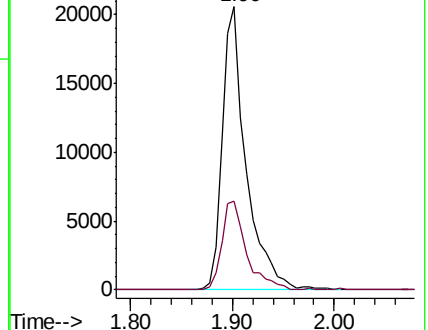
85 100

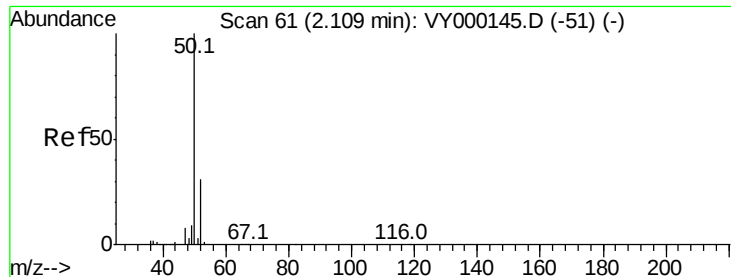
87 31.5 17.9 53.8



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

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





#3

Chloromethane

Concen: 19.566 ug/l

RT: 2.11 min Scan# 61

Delta R.T. 0.00 min

Lab File: VY000150.D

Acq: 26 Sep 2019 14:11

Instrument :

MSVOA_Y

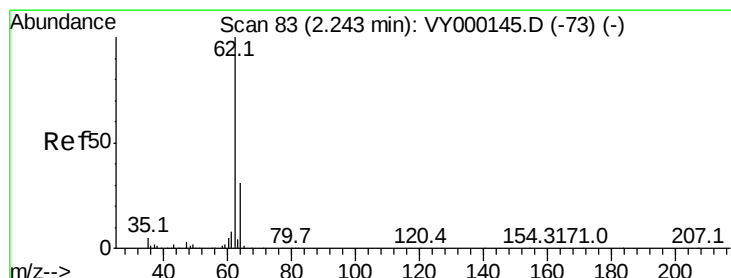
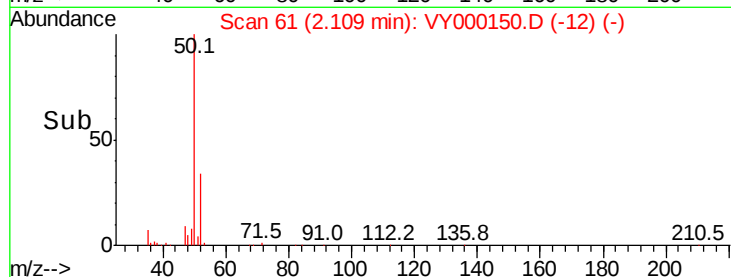
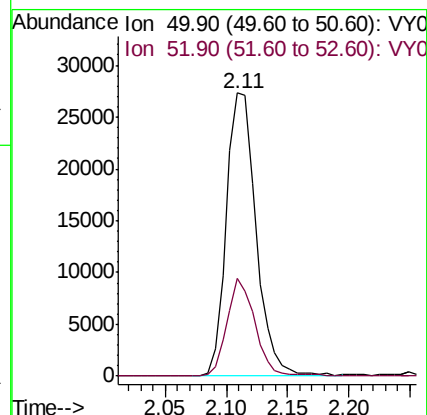
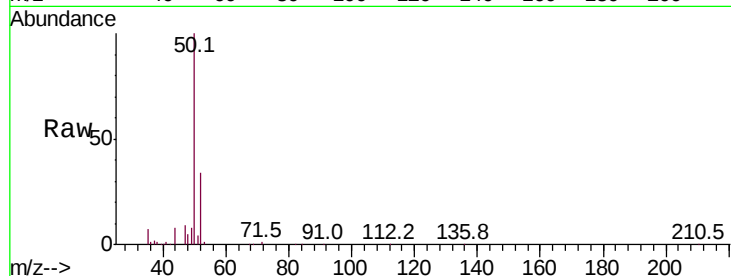
ClientSampleId :

Tot Ion: 50 Resp: 46215

Ion Ratio Lower Upper

50 100

52 34.5 25.0 37.6



#4

Vinyl Chloride

Concen: 19.375 ug/l

RT: 2.25 min Scan# 84

Delta R.T. 0.01 min

Lab File: VY000150.D

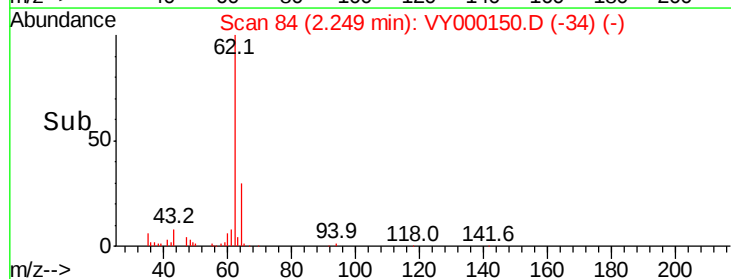
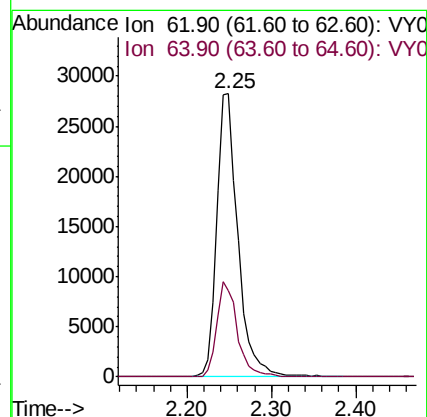
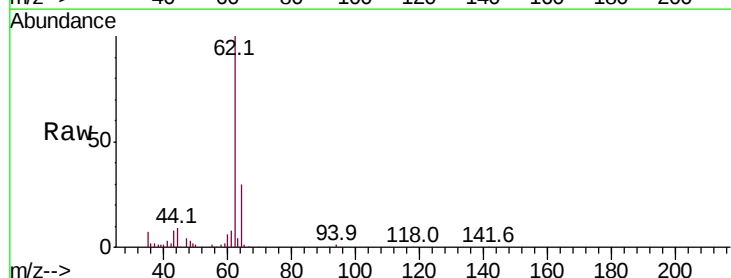
Acq: 26 Sep 2019 14:11

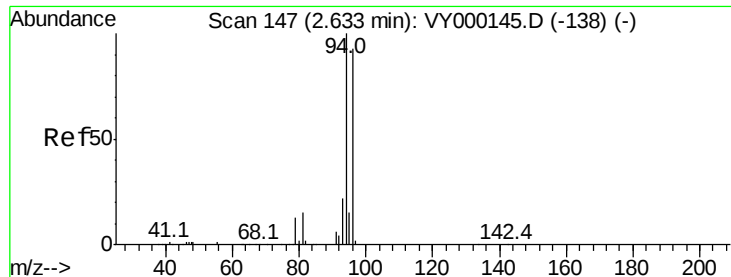
Tgt Ion: 62 Resp: 49127

Ion Ratio Lower Upper

62 100

64 30.4 24.5 36.7





#5

Bromomethane

Concen: 20.105 ug/l

RT: 2.63 min Scan# 146

Delta R.T. -0.01 min

Lab File: VY000150.D

Acq: 26 Sep 2019 14:11

Instrument :

MSVOA_Y

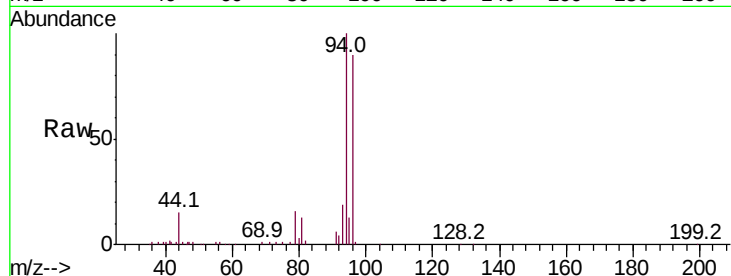
ClientSampleId :

Tot Ion: 94 Resp: 34375

Ion Ratio Lower Upper

94 100

96 90.1 74.6 111.8



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0

20000

15000

10000

5000

0

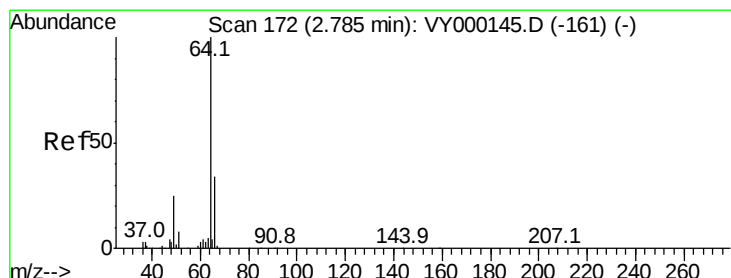
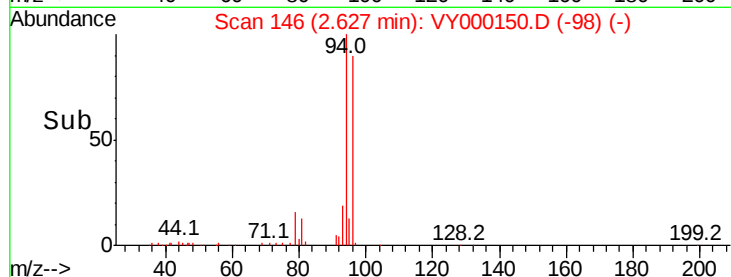
Time-->

2.55

2.60

2.65

2.70



#6

Chloroethane

Concen: 19.712 ug/l

RT: 2.78 min Scan# 171

Delta R.T. -0.01 min

Lab File: VY000150.D

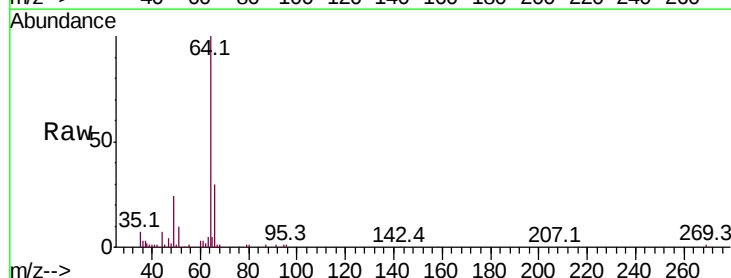
Acq: 26 Sep 2019 14:11

Tgt Ion: 64 Resp: 31029

Ion Ratio Lower Upper

64 100

66 29.4 27.4 41.0



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0

15000

10000

5000

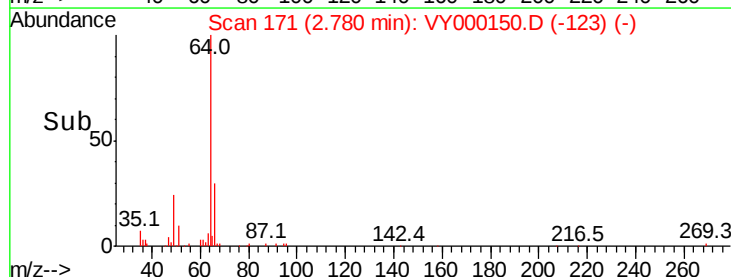
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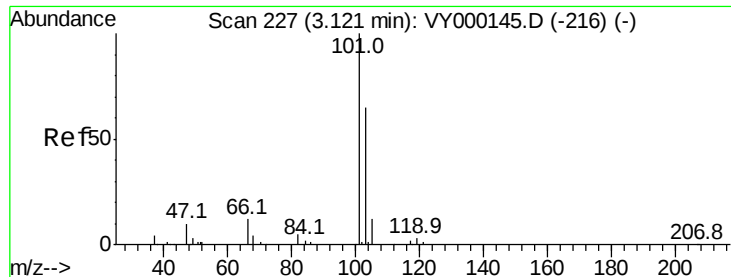
Time-->

2.70

2.80

2.90



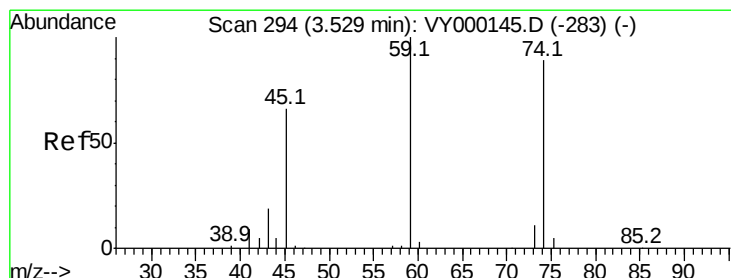
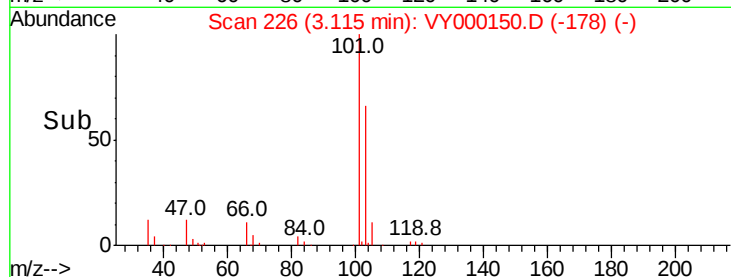
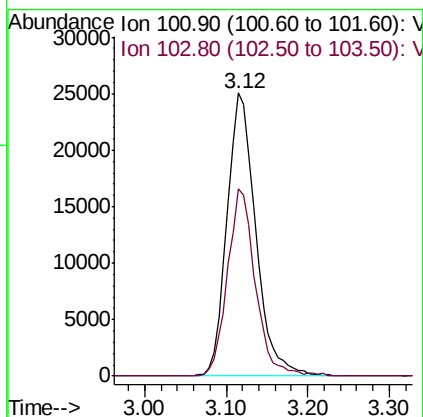
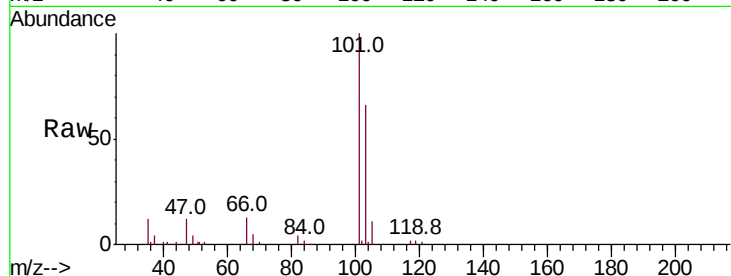


#7

Trichlorofluoromethane
 Concen: 19.988 ug/l
 RT: 3.12 min Scan# 226
 Delta R.T. -0.01 min
 Lab File: VY000150.D
 Acq: 26 Sep 2019 14:11

Instrument :
 MSVOA_Y
 ClientSampleId :

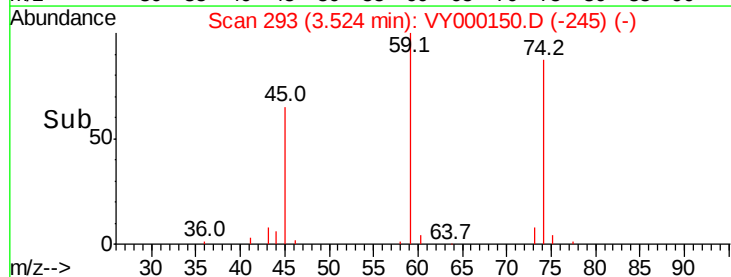
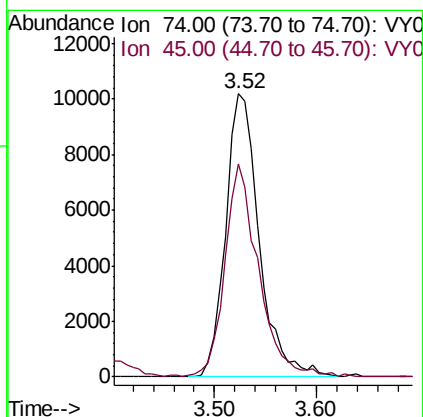
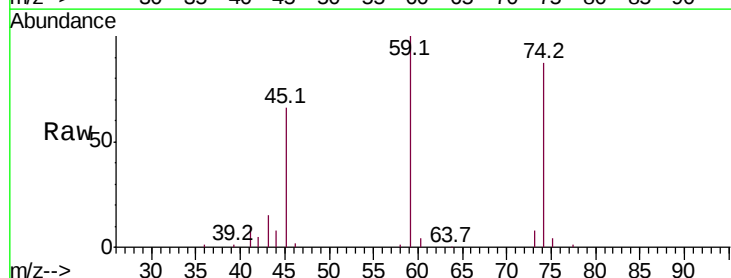
Tot Ion:101 Resp: 61089
 Ion Ratio Lower Upper
 101 100
 103 66.0 51.9 77.9

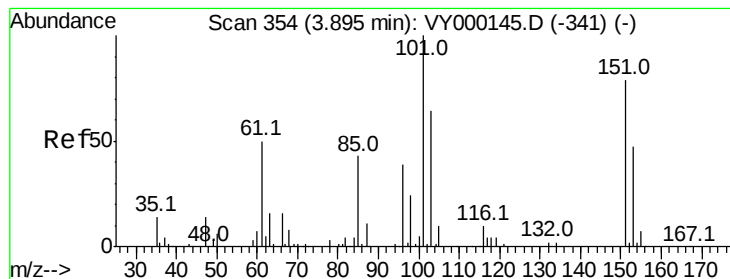


#8

Diethyl Ether
 Concen: 18.996 ug/l
 RT: 3.52 min Scan# 293
 Delta R.T. -0.01 min
 Lab File: VY000150.D
 Acq: 26 Sep 2019 14:11

Tgt Ion: 74 Resp: 23147
 Ion Ratio Lower Upper
 74 100
 45 75.8 37.7 113.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.067 ug/l

RT: 3.89 min Scan# 353

Delta R.T. -0.01 min

Lab File: VY000150.D

Acq: 26 Sep 2019 14:11

Instrument :

MSVOA_Y

ClientSampleId :

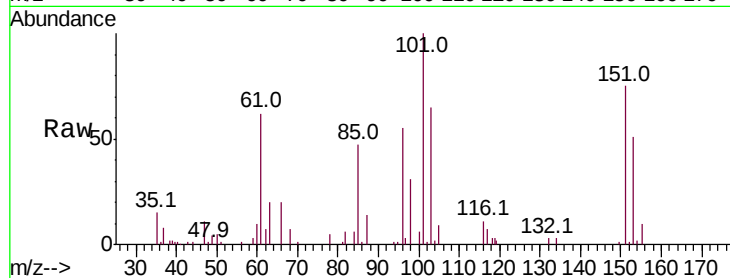
Tot Ion:101 Resp: 38038

Ion Ratio Lower Upper

101 100

85 41.3 34.8 52.2

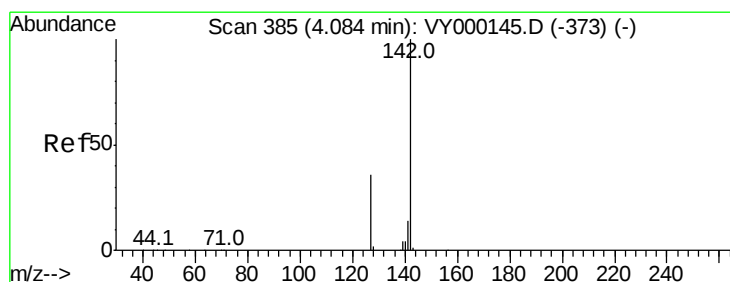
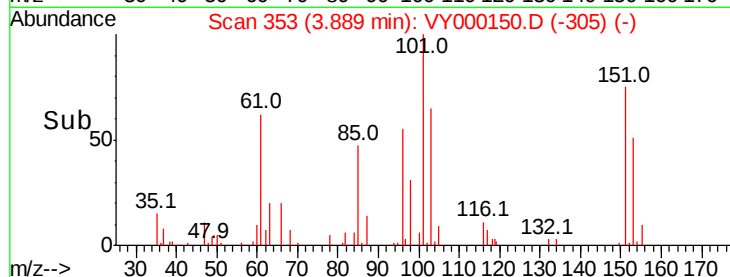
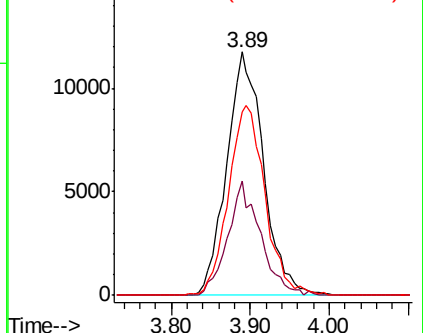
151 77.9 64.0 96.0



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: 16.299 ug/l

RT: 4.09 min Scan# 386

Delta R.T. 0.01 min

Lab File: VY000150.D

Acq: 26 Sep 2019 14:11

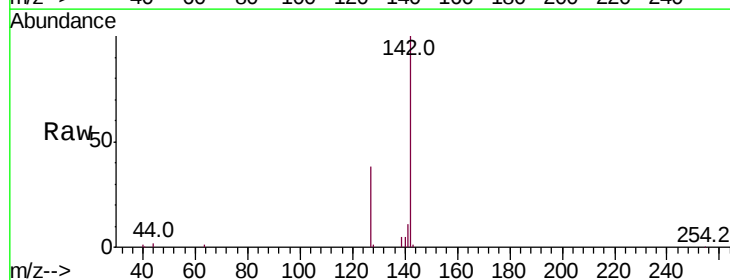
Tgt Ion:142 Resp: 50136

Ion Ratio Lower Upper

142 100

127 38.5 30.0 45.0

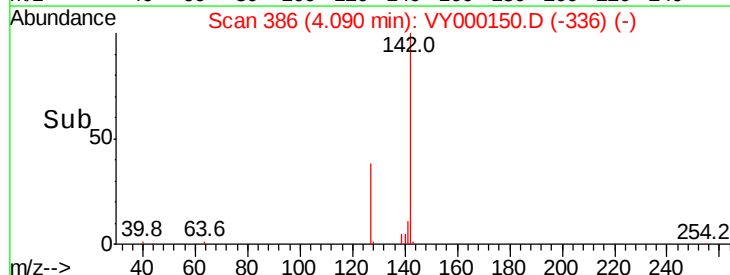
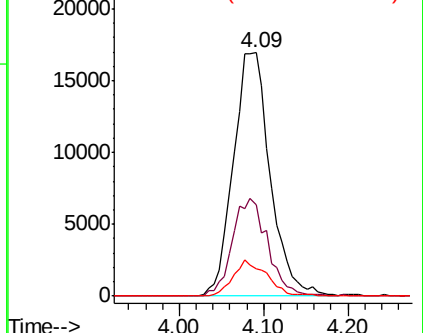
141 13.3 11.0 16.6

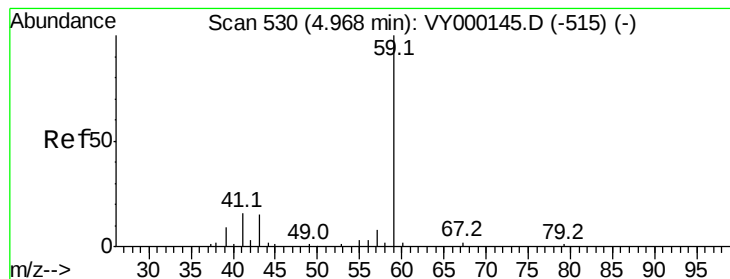


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



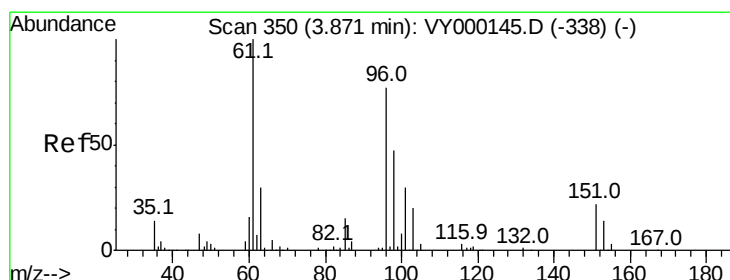
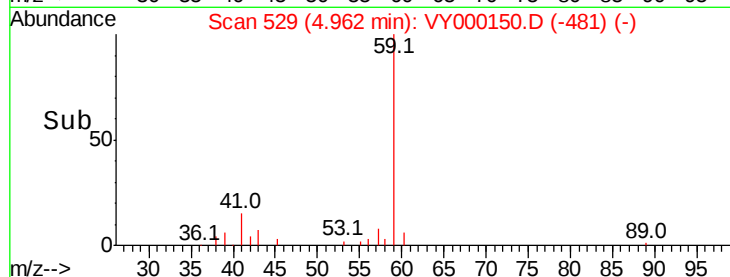
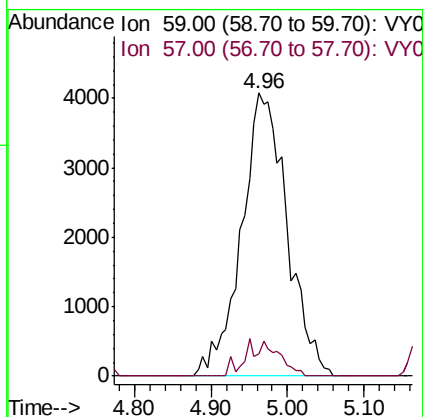
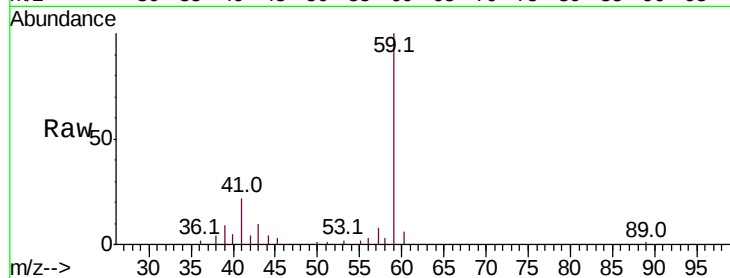


#11

Tert butyl alcohol
 Concen: 94.689 ug/l
 RT: 4.96 min Scan# 529
 Delta R.T. -0.01 min
 Lab File: VY000150.D
 Acq: 26 Sep 2019 14:11

Instrument :
 MSVOA_Y
 ClientSampleId :

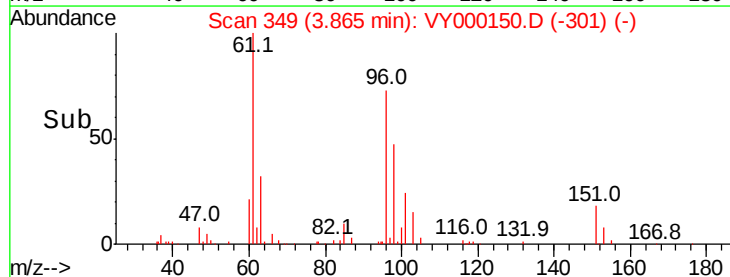
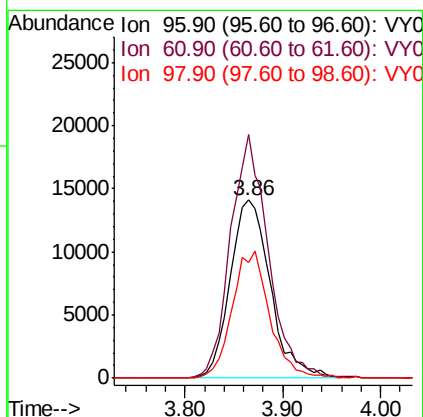
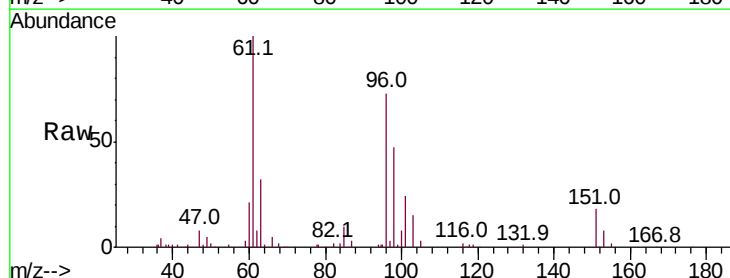
Tot Ion: 59 Resp: 16856
 Ion Ratio Lower Upper
 59 100
 57 5.1 8.9 13.3#

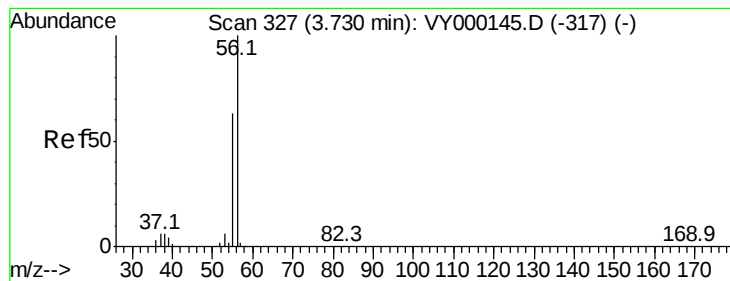


#12

1,1-Dichloroethene
 Concen: 19.203 ug/l
 RT: 3.86 min Scan# 349
 Delta R.T. -0.01 min
 Lab File: VY000150.D
 Acq: 26 Sep 2019 14:11

Tgt Ion: 96 Resp: 40176
 Ion Ratio Lower Upper
 96 100
 61 136.9 103.6 155.4
 98 64.7 48.7 73.1





#13

Acrolein

Concen: 102.134 ug/l

RT: 3.73 min Scan# 327

Delta R.T. 0.00 min

Lab File: VY000150.D

Acq: 26 Sep 2019 14:11

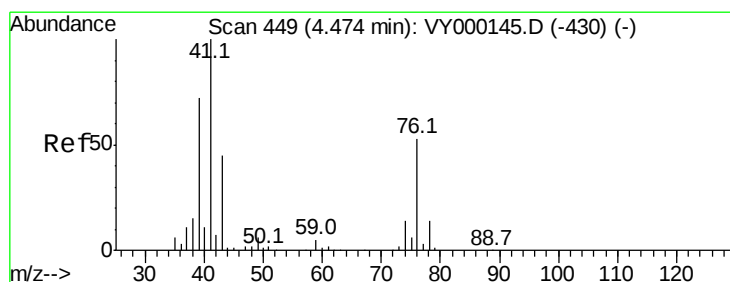
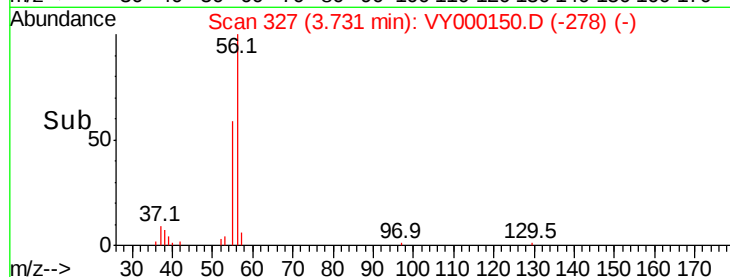
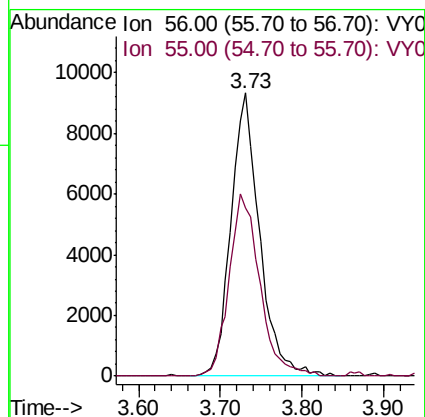
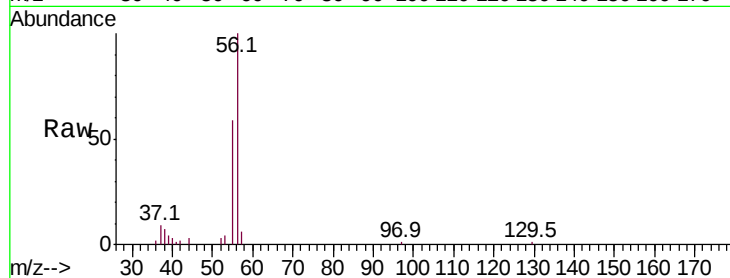
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 56 Resp: 22579

Ion Ratio Lower Upper

56 100

55 68.8 53.1 79.7



#14

Allyl chloride

Concen: 19.154 ug/l

RT: 4.47 min Scan# 449

Delta R.T. 0.00 min

Lab File: VY000150.D

Acq: 26 Sep 2019 14:11

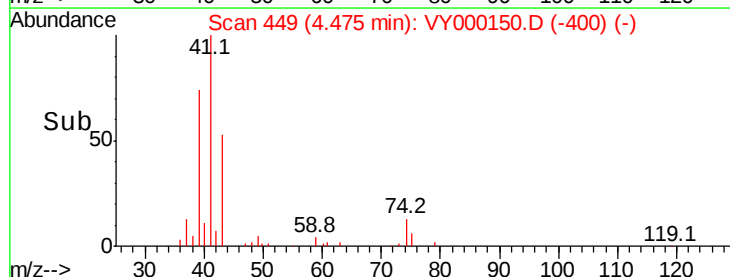
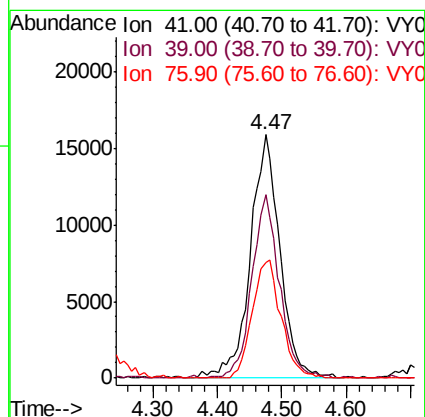
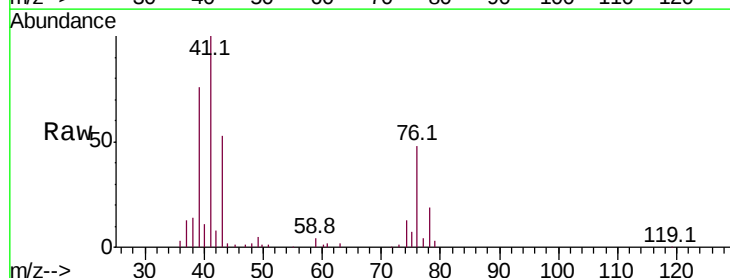
Tgt Ion: 41 Resp: 50146

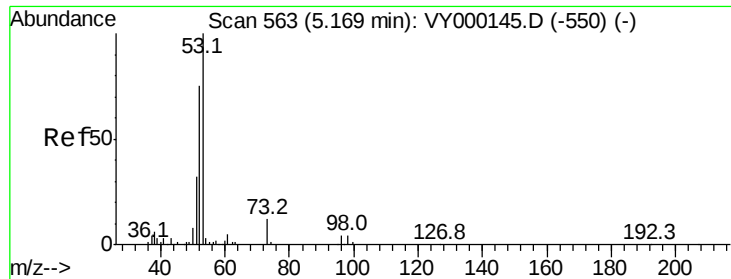
Ion Ratio Lower Upper

41 100

39 70.0 54.6 82.0

76 46.9 39.0 58.6





#15

Acrylonitrile

Concen: 92.442 ug/l

RT: 5.16 min Scan# 562

Delta R.T. -0.01 min

Lab File: VY000150.D

Acq: 26 Sep 2019 14:11

Instrument :
MSVOA_Y
ClientSampleId :

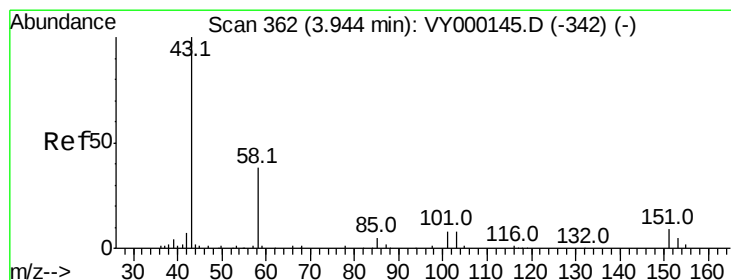
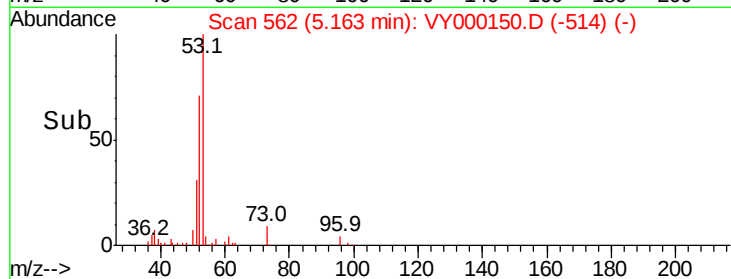
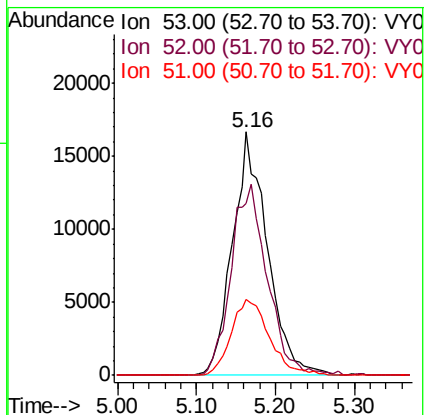
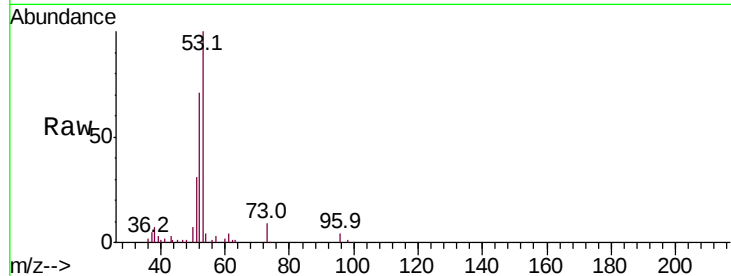
Tot Ion: 53 Resp: 51228

Ion Ratio Lower Upper

53 100

52 81.5 62.9 94.3

51 34.2 27.5 41.3



#16

Acetone

Concen: 79.899 ug/l

RT: 3.94 min Scan# 362

Delta R.T. 0.00 min

Lab File: VY000150.D

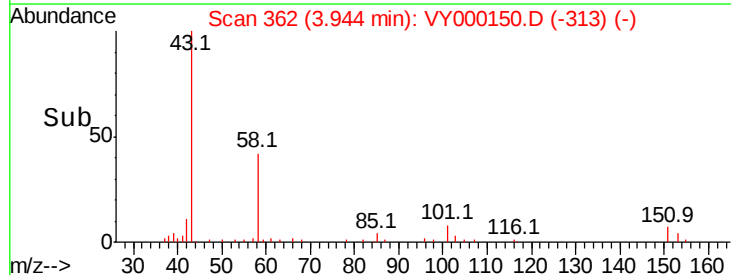
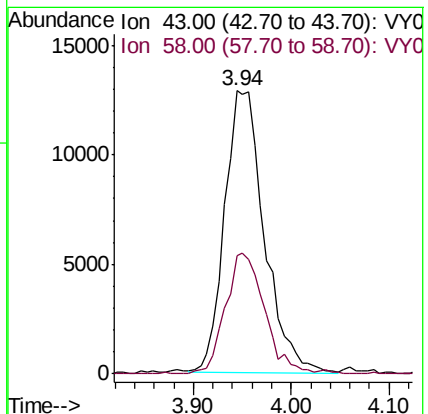
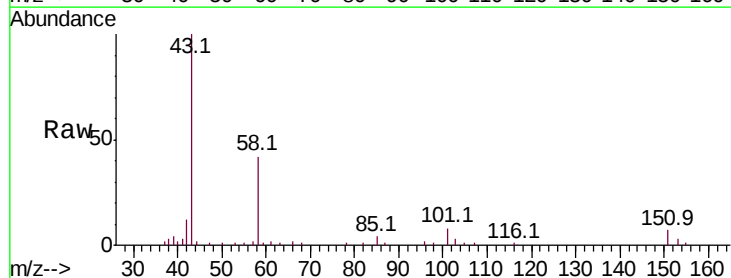
Acq: 26 Sep 2019 14:11

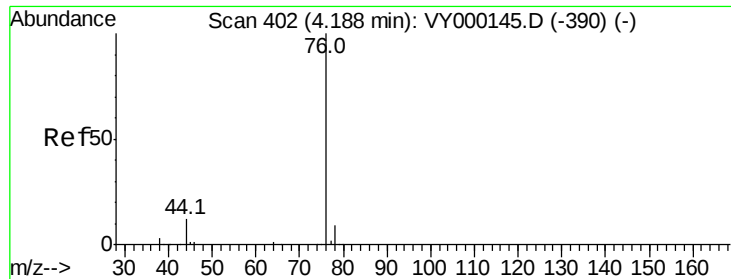
Tgt Ion: 43 Resp: 36113

Ion Ratio Lower Upper

43 100

58 42.0 30.4 45.6

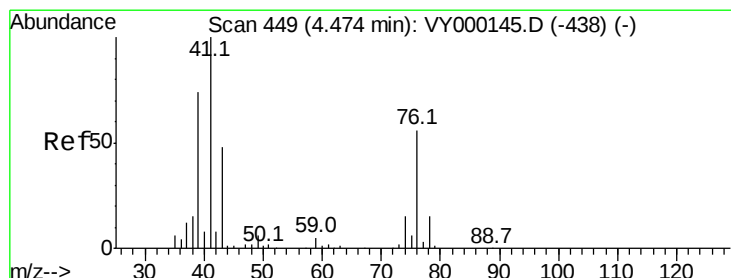
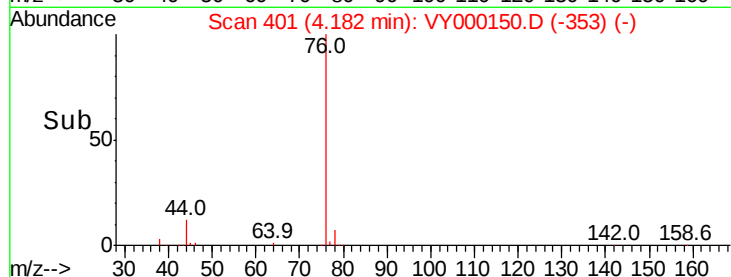
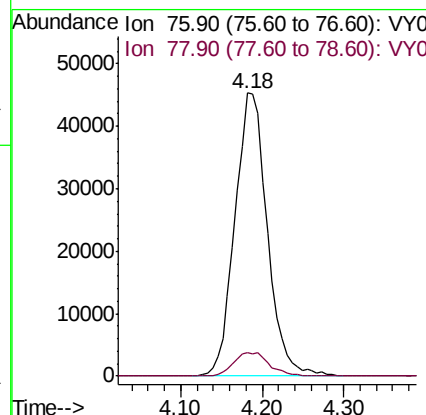
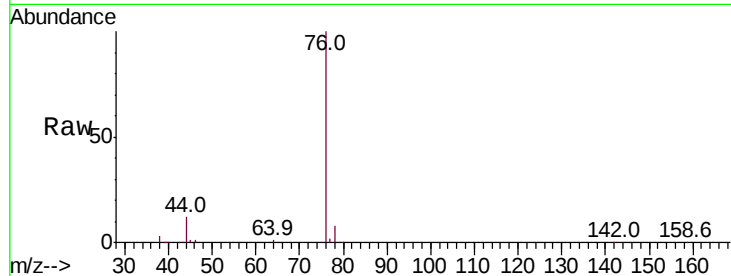




#17
Carbon Disulfide
Concen: 19.182 ug/l
RT: 4.18 min Scan# 401
Delta R.T. -0.01 min
Lab File: VY000150.D
Acq: 26 Sep 2019 14:11

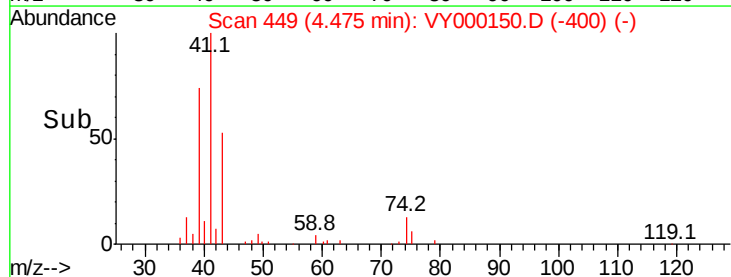
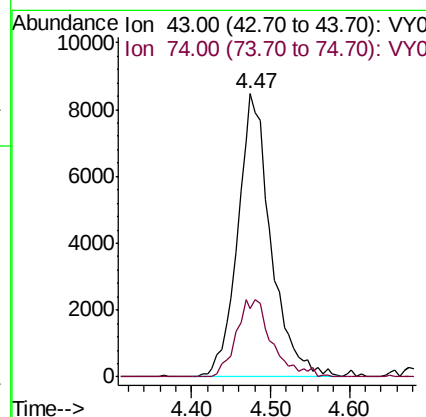
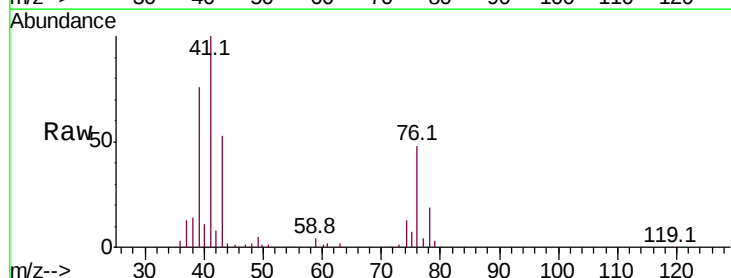
Instrument :
MSVOA_Y
ClientSampled :

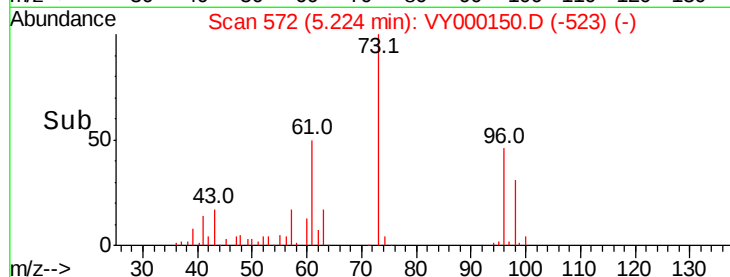
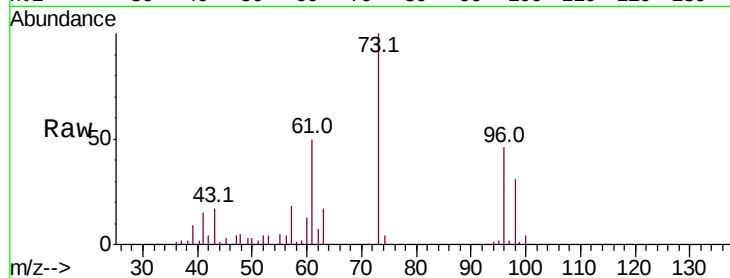
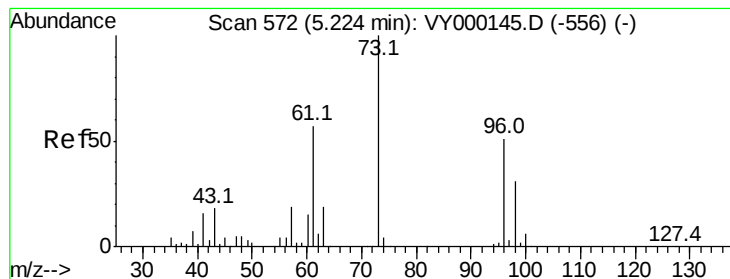
Tot Ion: 76 Resp: 124482
Ion Ratio Lower Upper
76 100
78 8.4 7.0 10.4



#18
Methyl Acetate
Concen: 19.126 ug/l
RT: 4.47 min Scan# 449
Delta R.T. 0.00 min
Lab File: VY000150.D
Acq: 26 Sep 2019 14:11

Tgt Ion: 43 Resp: 24714
Ion Ratio Lower Upper
43 100
74 29.3 25.6 38.4



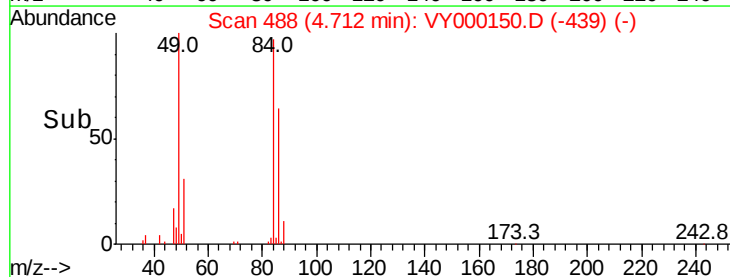
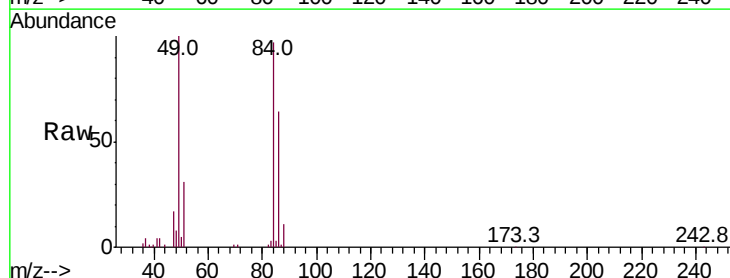
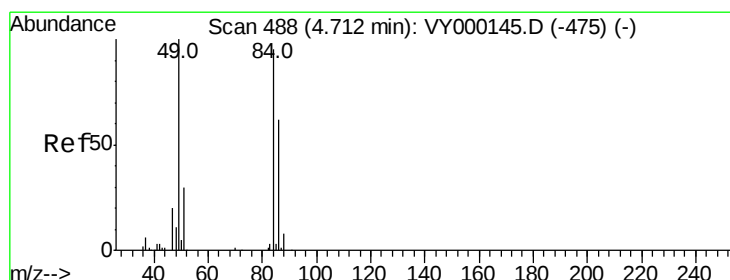
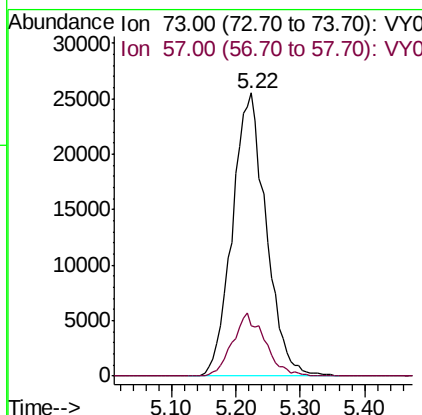


#19

Methyl tert-butyl Ether
 Concen: 18.724 ug/l
 RT: 5.22 min Scan# 572
 Delta R.T. 0.00 min
 Lab File: VY000150.D
 Acq: 26 Sep 2019 14:11

Instrument :
 MSVOA_Y
 ClientSampled :

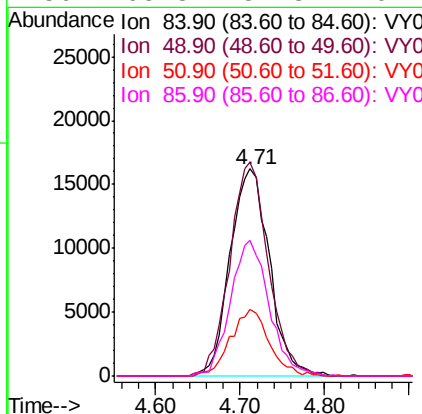
Tot Ion: 73 Resp: 92738
 Ion Ratio Lower Upper
 73 100
 57 17.7 15.5 23.3

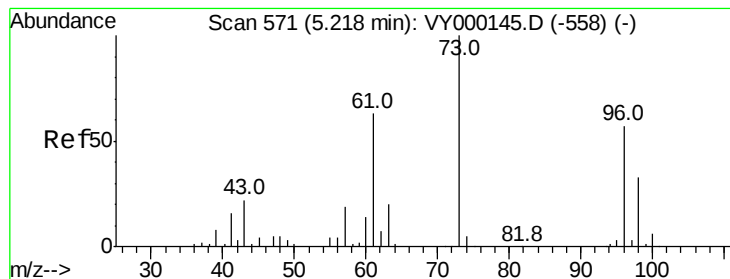


#20

Methylene Chloride
 Concen: 20.412 ug/l
 RT: 4.71 min Scan# 488
 Delta R.T. 0.00 min
 Lab File: VY000150.D
 Acq: 26 Sep 2019 14:11

Tgt Ion: 84 Resp: 51237
 Ion Ratio Lower Upper
 84 100
 49 103.1 84.6 126.8
 51 32.4 25.4 38.2
 86 65.8 52.8 79.2





#21

trans-1,2-Dichloroethene

Concen: 18.698 ug/l

RT: 5.21 min Scan# 570

Delta R.T. -0.01 min

Lab File: VY000150.D

Acq: 26 Sep 2019 14:11

Instrument :

MSVOA_Y

ClientSampleId :

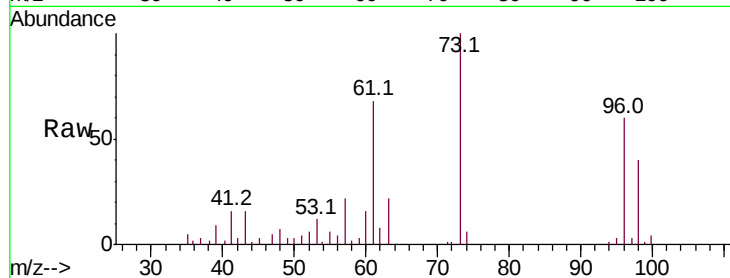
Tot Ion: 96 Resp: 43585

Ion Ratio Lower Upper

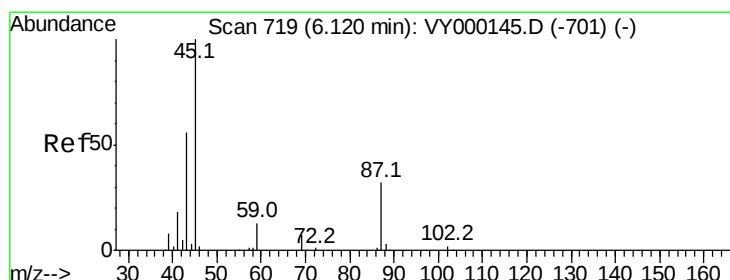
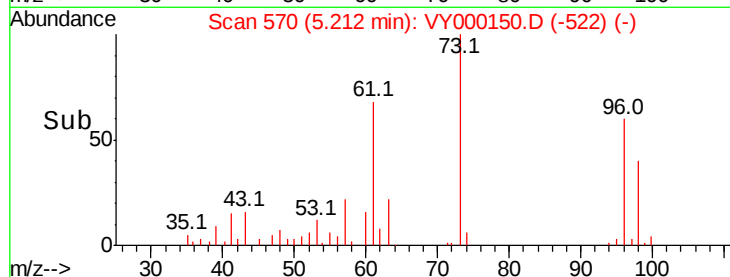
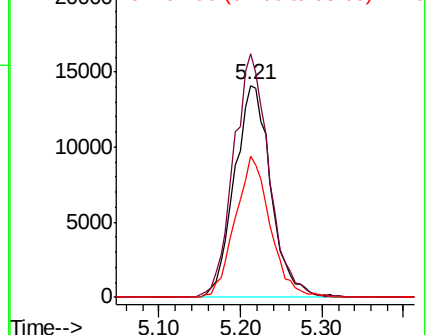
96 100

61 114.9 88.0 132.0

98 66.8 45.6 68.4



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



#22

Diisopropyl ether

Concen: 18.174 ug/l

RT: 6.11 min Scan# 718

Delta R.T. -0.01 min

Lab File: VY000150.D

Acq: 26 Sep 2019 14:11

Tgt Ion: 45 Resp: 99991

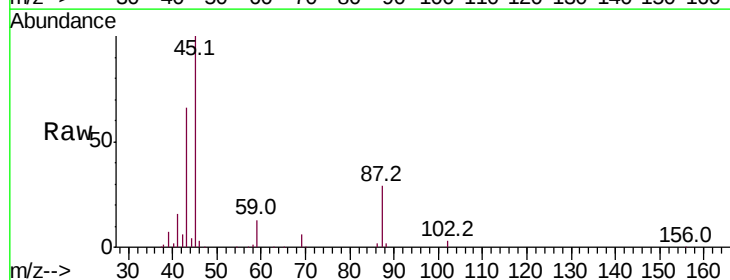
Ion Ratio Lower Upper

45 100

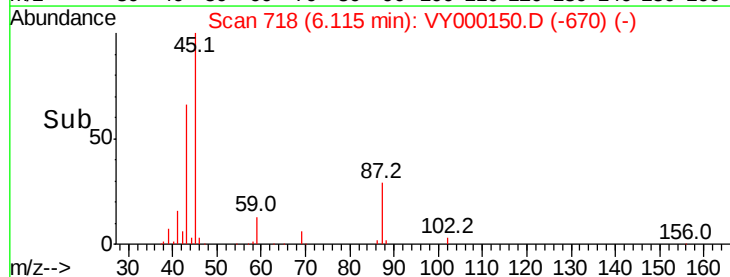
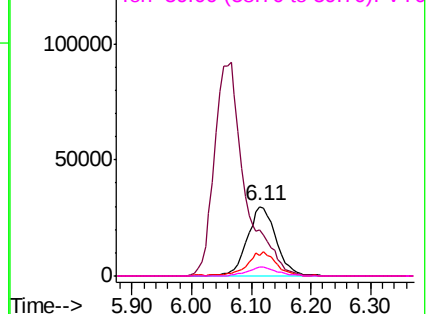
43 65.7 48.4 72.6

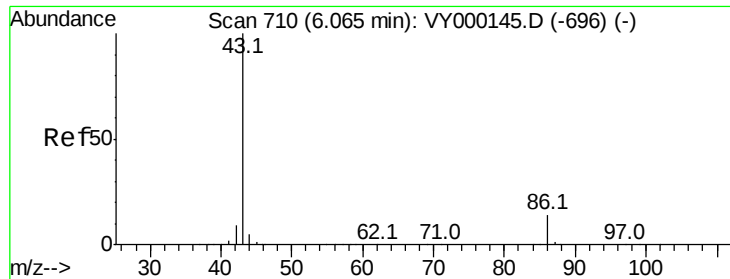
87 29.2 26.6 39.8

59 12.7 10.5 15.7



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





#23

Vinyl Acetate

Concen: 94.720 ug/l

RT: 6.07 min Scan# 710

Delta R.T. 0.00 min

Lab File: VY000150.D

Acq: 26 Sep 2019 14:11

Instrument :

MSVOA_Y

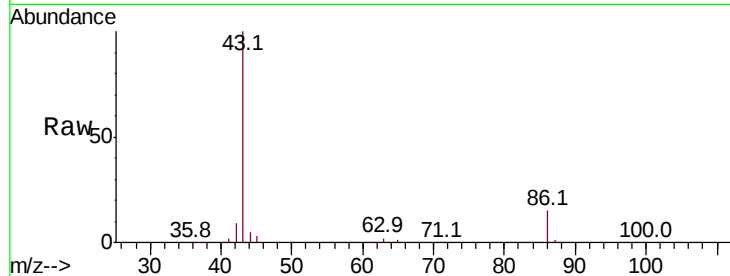
ClientSampleId :

Tot Ion: 43 Resp: 326606

Ion Ratio Lower Upper

43 100

86 14.6 11.1 16.7



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0

6.07

100000

80000

60000

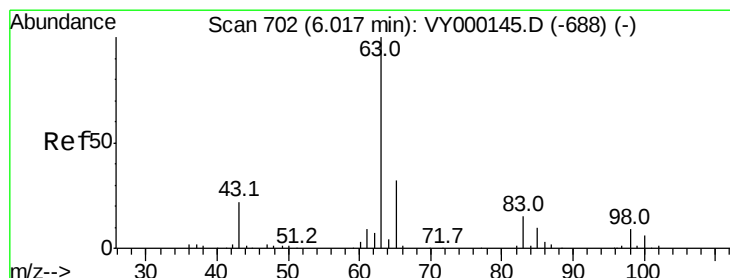
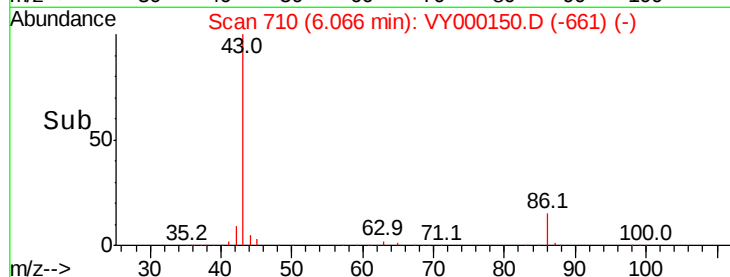
40000

20000

0

6.00 6.20

Time-->



#24

1,1-Dichloroethane

Concen: 18.541 ug/l

RT: 6.02 min Scan# 702

Delta R.T. 0.00 min

Lab File: VY000150.D

Acq: 26 Sep 2019 14:11

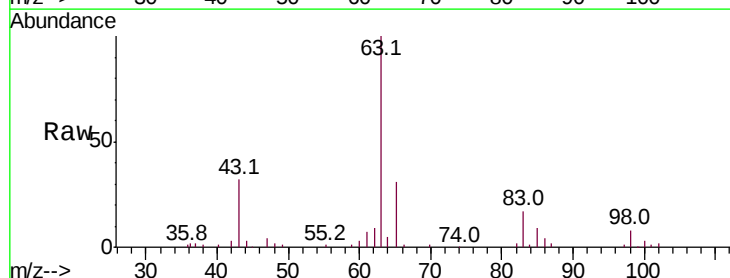
Tgt Ion: 63 Resp: 61755

Ion Ratio Lower Upper

63 100

98 7.9 4.6 13.8

100 3.2 2.8 8.4



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0

25000

20000

15000

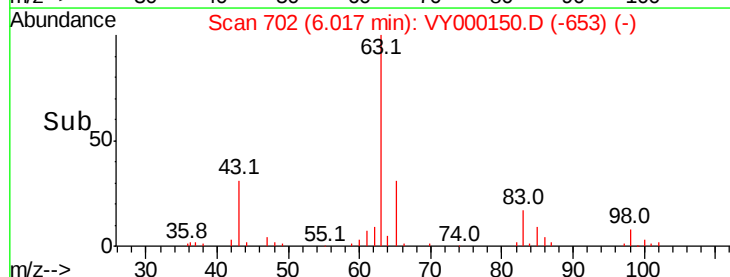
10000

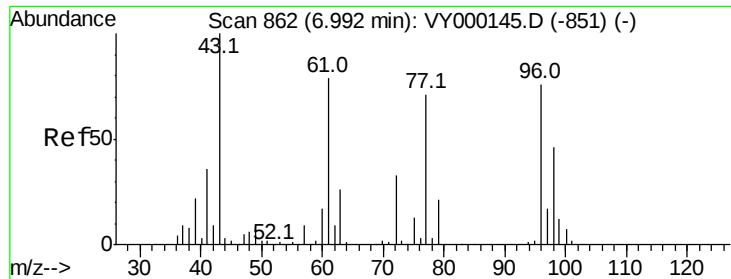
5000

0

5.90 6.00 6.10 6.20

Time-->





#25

2-Butanone

Concen: 89.465 ug/l

RT: 6.99 min Scan# 862

Delta R.T. 0.00 min

Lab File: VY000150.D

Acq: 26 Sep 2019 14:11

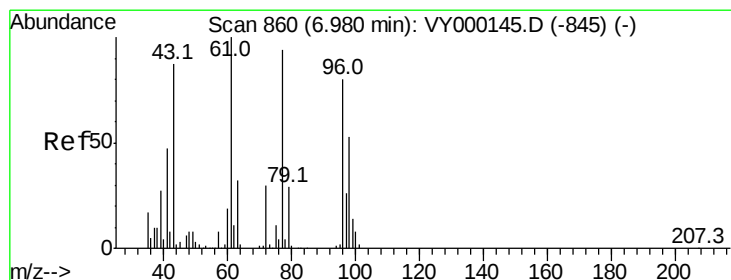
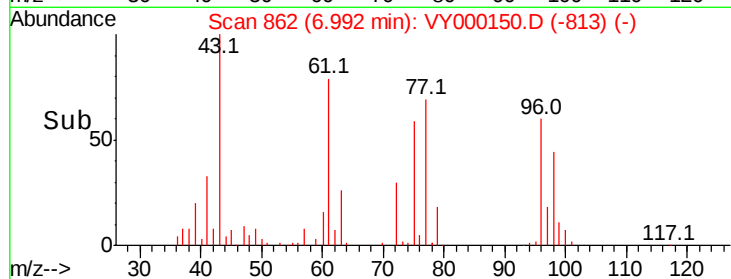
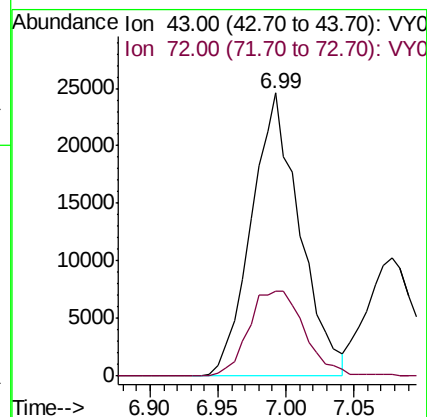
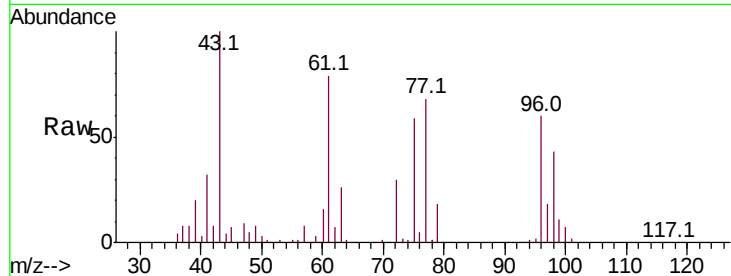
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 43 Resp: 61199

Ion Ratio Lower Upper

43 100

72 30.1 26.8 40.2



#26

2,2-Dichloropropane

Concen: 19.482 ug/l

RT: 6.98 min Scan# 860

Delta R.T. 0.00 min

Lab File: VY000150.D

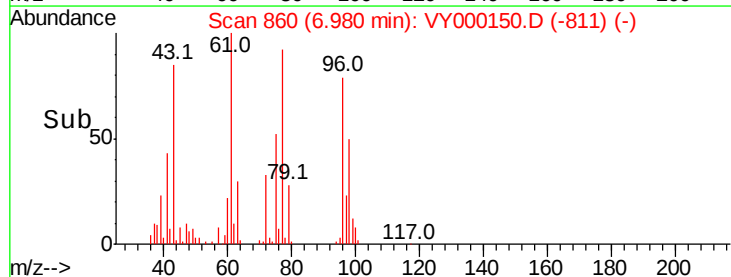
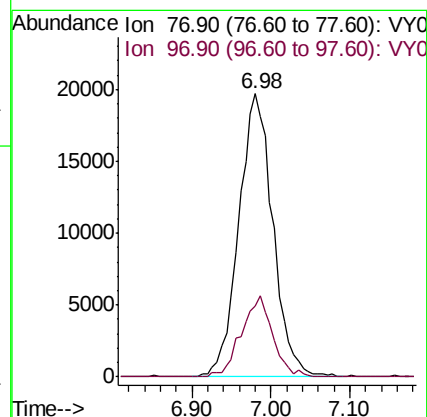
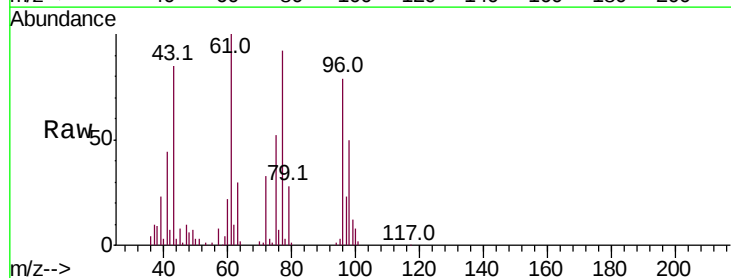
Acq: 26 Sep 2019 14:11

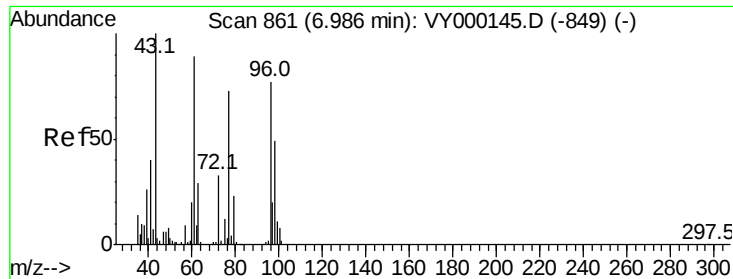
Tgt Ion: 77 Resp: 59000

Ion Ratio Lower Upper

77 100

97 26.5 13.0 38.9

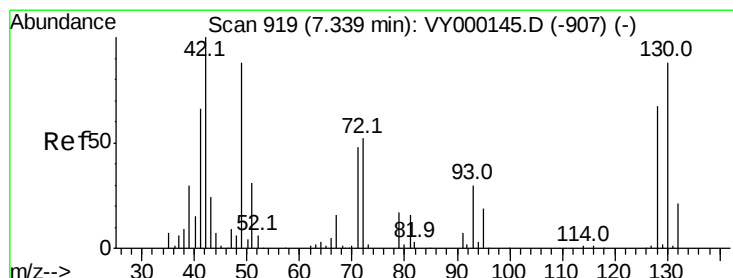
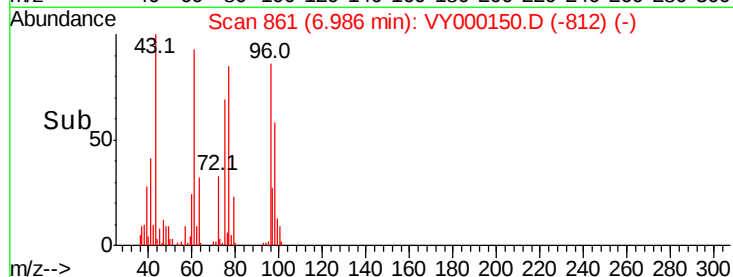
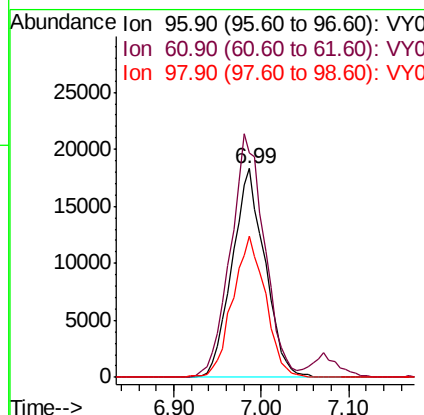
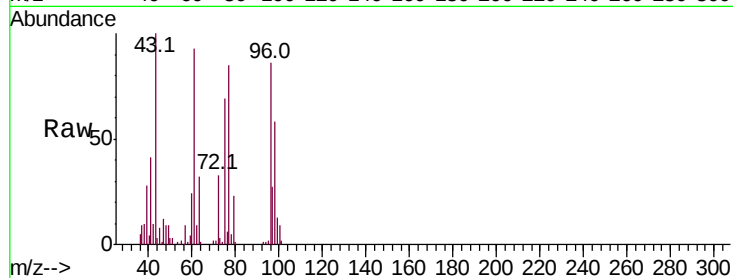




#27
 cis-1,2-Dichloroethene
 Concen: 18.462 ug/l
 RT: 6.99 min Scan# 861
 Delta R.T. 0.00 min
 Lab File: VY000150.D
 Acq: 26 Sep 2019 14:11

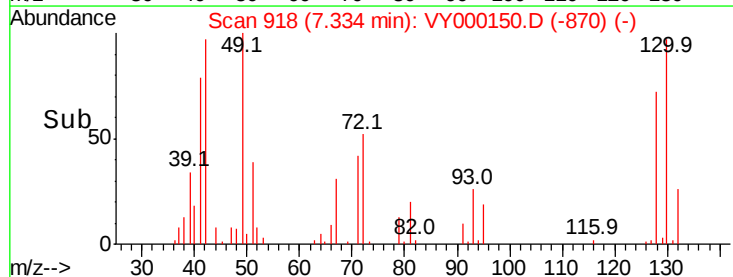
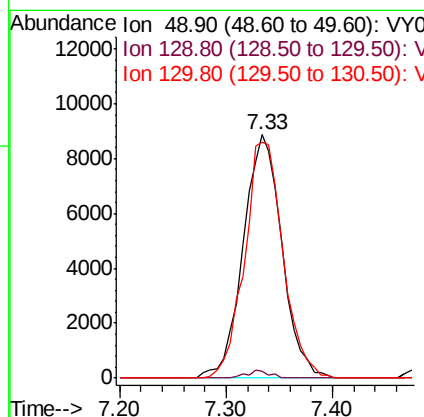
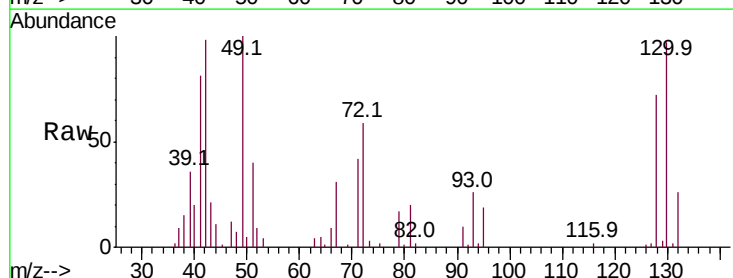
Instrument :
 MSVOA_Y
 ClientSampled :

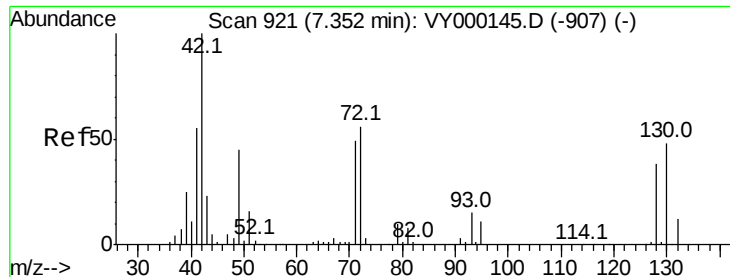
Tot Ion: 96 Resp: 47826
 Ion Ratio Lower Upper
 96 100
 61 120.7 0.0 232.8
 98 67.3 0.0 128.8



#28
 Bromochloromethane
 Concen: 17.798 ug/l
 RT: 7.33 min Scan# 918
 Delta R.T. -0.01 min
 Lab File: VY000150.D
 Acq: 26 Sep 2019 14:11

Tgt Ion: 49 Resp: 22585
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 4.6
 130 96.9 79.5 119.3

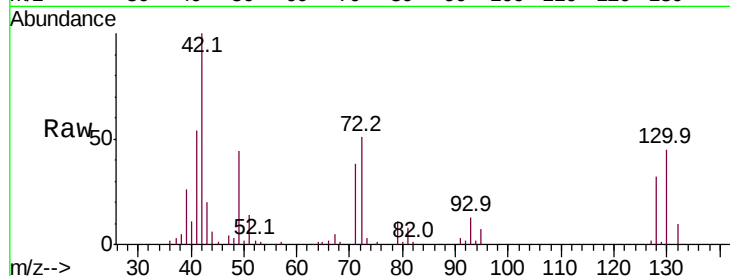




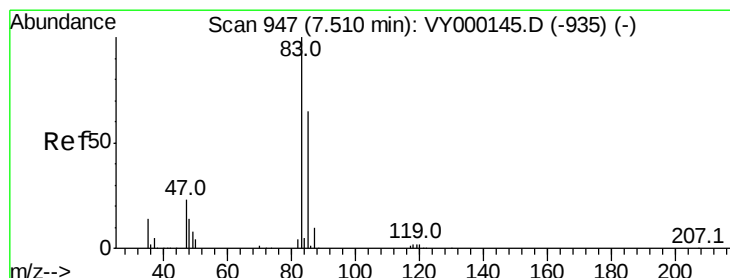
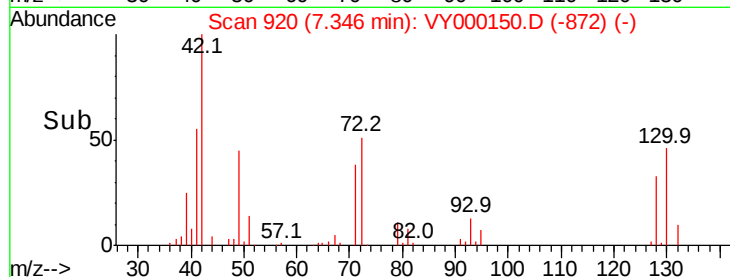
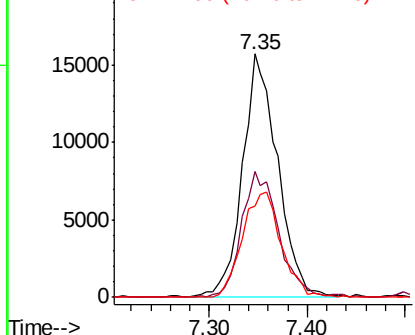
#29
Tetrahydrofuran
Concen: 92.991 ug/l
RT: 7.35 min Scan# 920
Delta R.T. -0.01 min
Lab File: VY000150.D
Acq: 26 Sep 2019 14:11

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 42 Resp: 39214
Ion Ratio Lower Upper
42 100
72 54.1 43.1 64.7
71 47.8 39.4 59.2

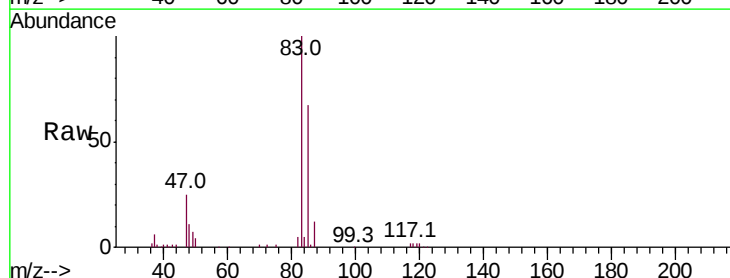


Abundance Ion 42.00 (41.70 to 42.70): VY0
Ion 72.00 (71.70 to 72.70): VY0
Ion 71.00 (70.70 to 71.70): VY0

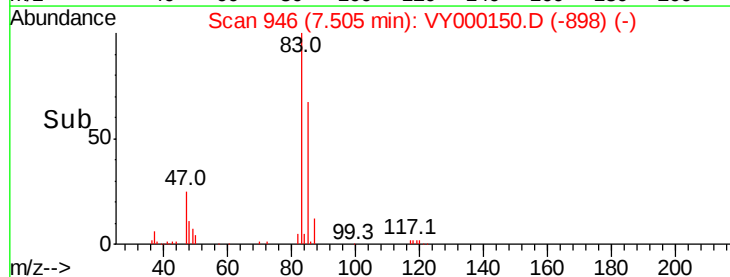
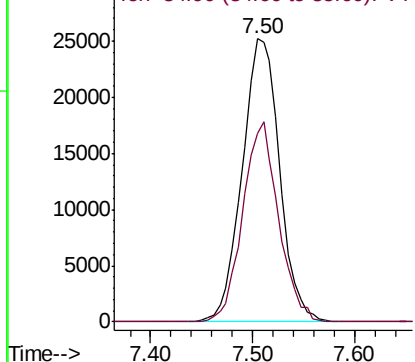


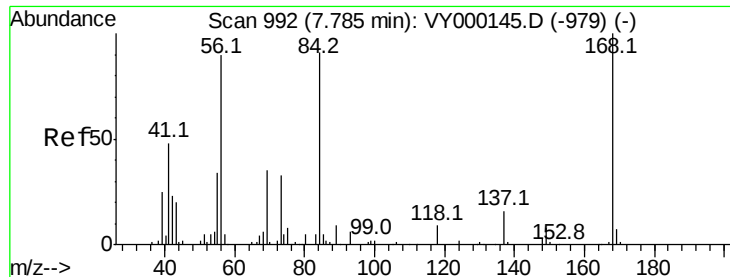
#30
Chloroform
Concen: 18.472 ug/l
RT: 7.50 min Scan# 946
Delta R.T. -0.01 min
Lab File: VY000150.D
Acq: 26 Sep 2019 14:11

Tgt Ion: 83 Resp: 64393
Ion Ratio Lower Upper
83 100
85 66.8 52.4 78.6



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

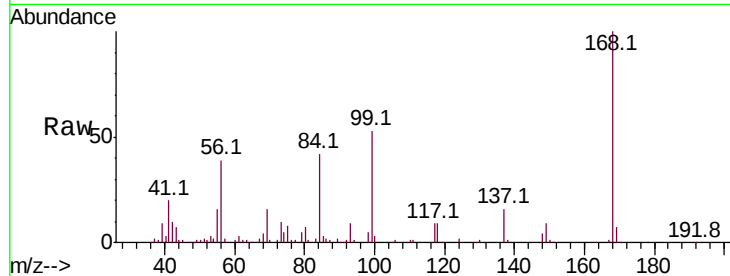




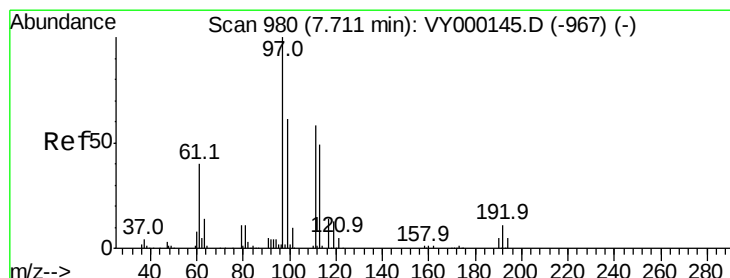
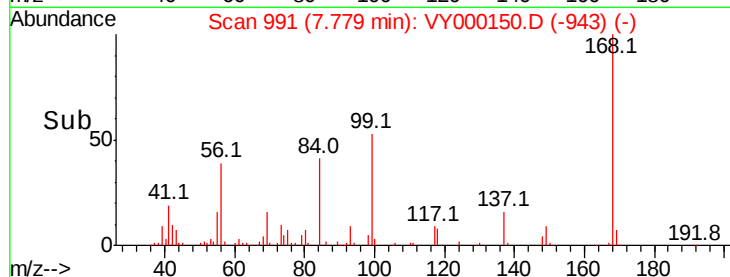
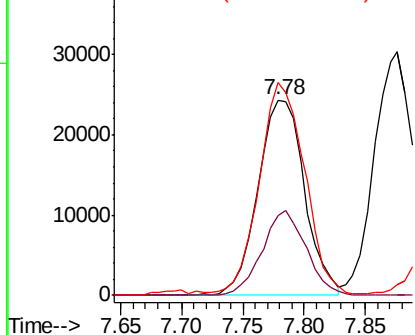
#31
Cyclohexane
Concen: 18.733 ug/l
RT: 7.78 min Scan# 991
Delta R.T. -0.01 min
Lab File: VY000150.D
Acq: 26 Sep 2019 14:11

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 56 Resp: 64504
Ion Ratio Lower Upper
56 100
69 40.7 31.1 46.7
84 108.0 80.5 120.7

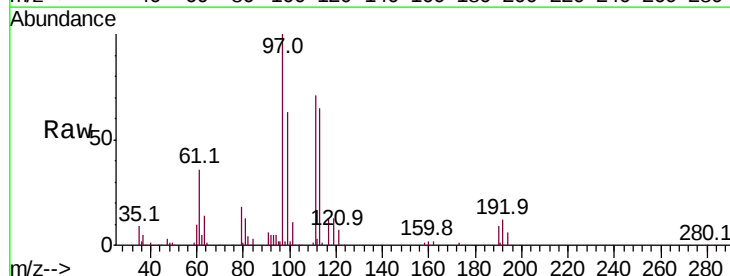


Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0

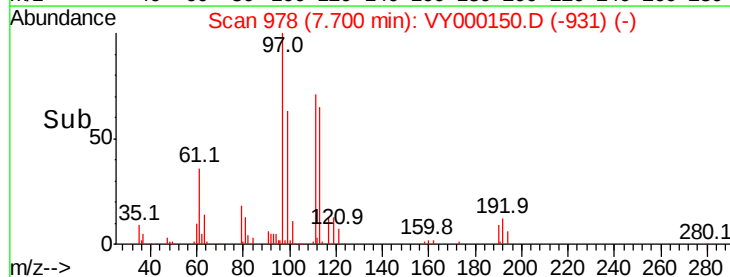
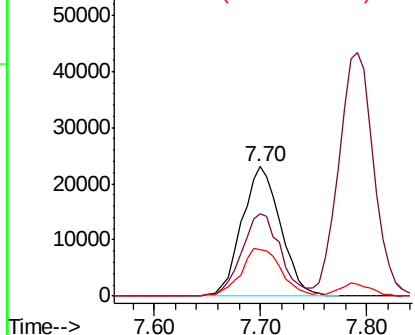


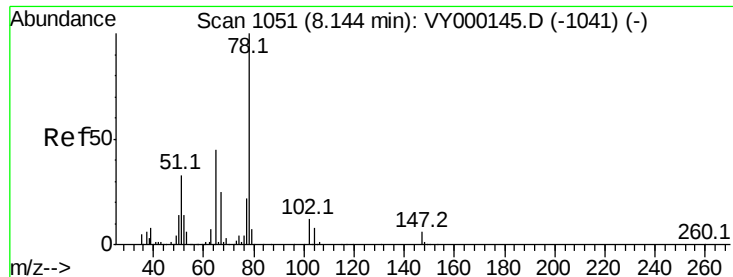
#32
1,1,1-Trichloroethane
Concen: 19.322 ug/l
RT: 7.70 min Scan# 978
Delta R.T. -0.01 min
Lab File: VY000150.D
Acq: 26 Sep 2019 14:11

Tgt Ion: 97 Resp: 59059
Ion Ratio Lower Upper
97 100
99 63.8 50.5 75.7
61 38.0 32.9 49.3



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

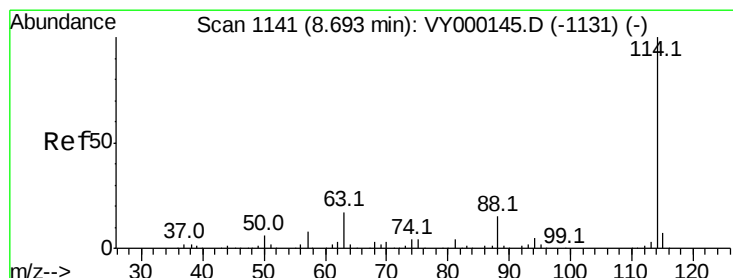
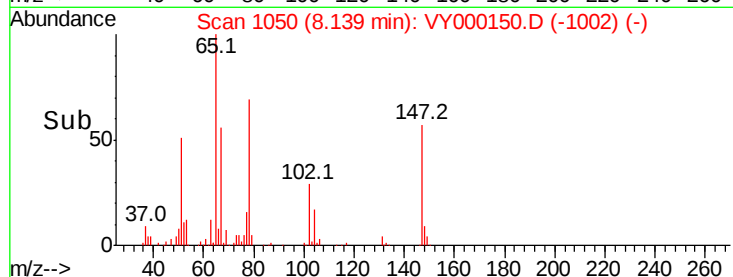
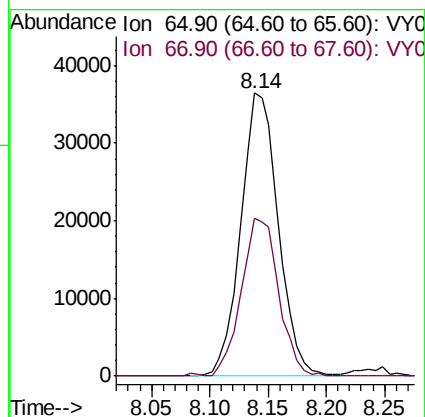
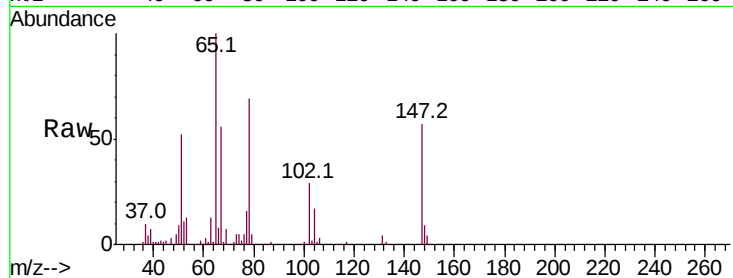




#33
 1,2-Dichloroethane-d4
 Concen: 45.935 ug/l
 RT: 8.14 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VY000150.D
 Acq: 26 Sep 2019 14:11

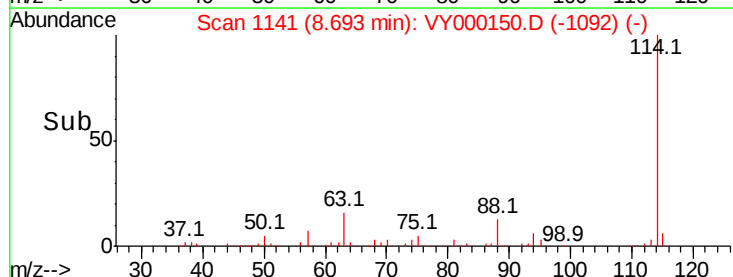
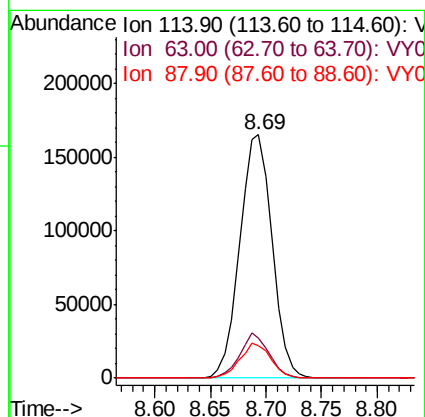
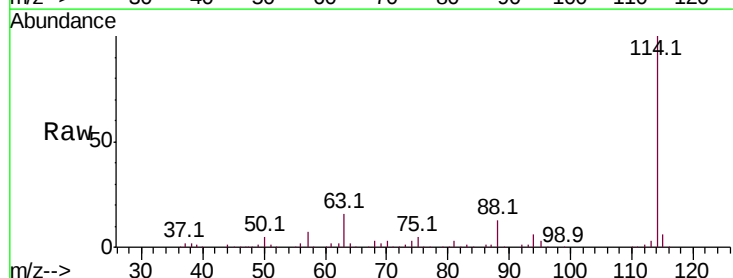
Instrument :
 MSVOA_Y
 ClientSampleId :

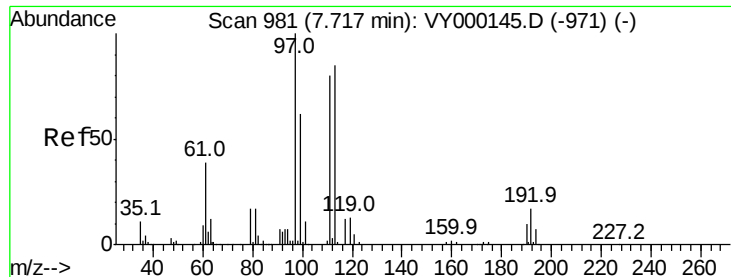
Tot Ion: 65 Resp: 81848
 Ion Ratio Lower Upper
 65 100
 67 55.5 0.0 110.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY000150.D
 Acq: 26 Sep 2019 14:11

Tgt Ion: 114 Resp: 333335
 Ion Ratio Lower Upper
 114 100
 63 16.3 0.0 34.6
 88 13.2 0.0 30.6

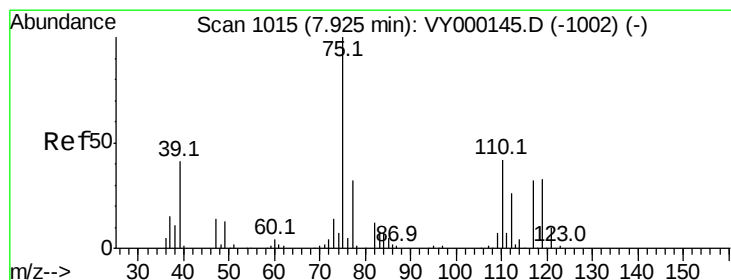
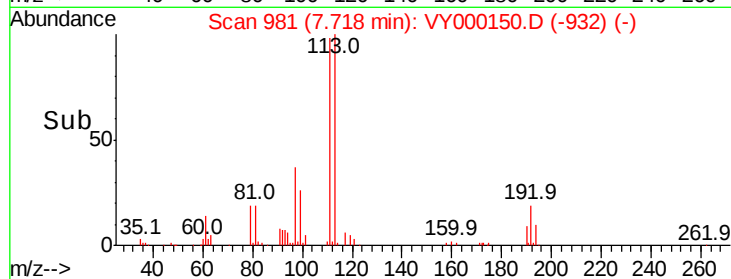
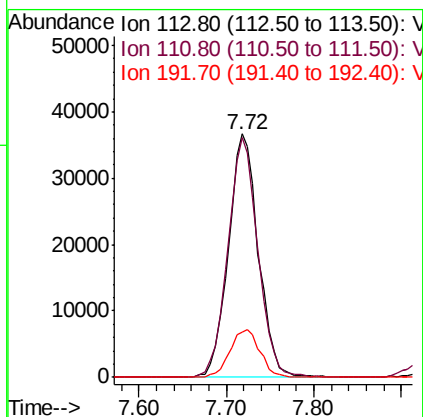
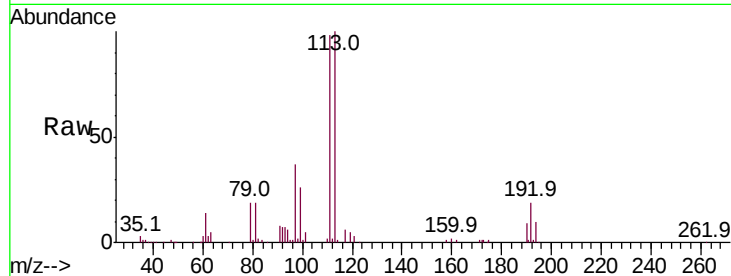




#35
 Dibromofluoromethane
 Concen: 49.775 ug/l
 RT: 7.72 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VY000150.D
 Acq: 26 Sep 2019 14:11

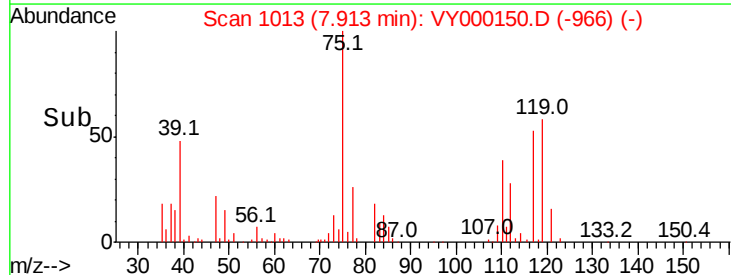
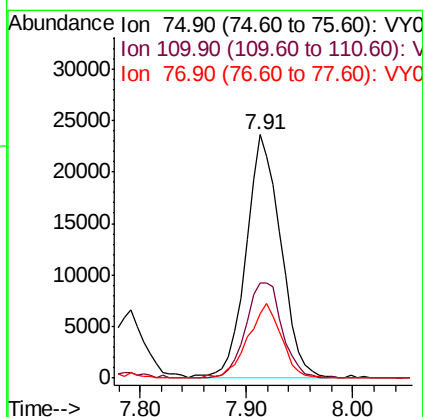
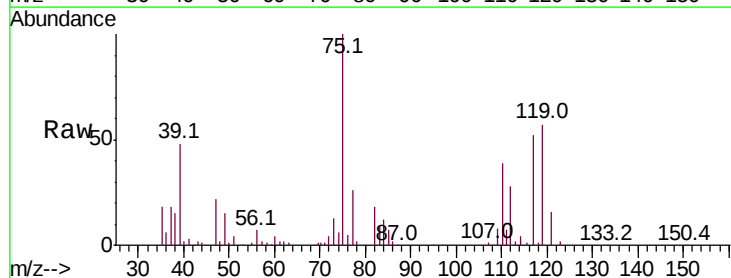
Instrument :
 MSVOA_Y
 ClientSampleId :

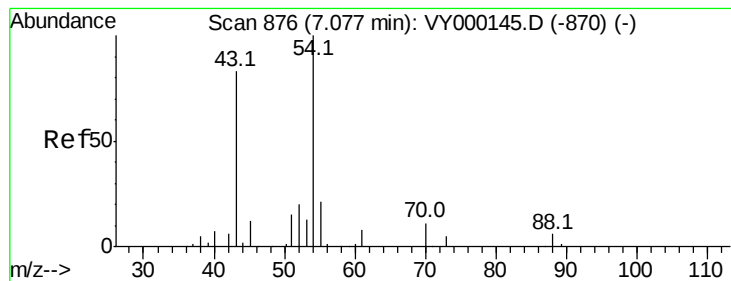
Tot Ion	Ratio	Lower	Upper
113	100		
111	99.1	82.0	123.0
192	19.8	17.3	25.9



#36
 1,1-Dichloropropene
 Concen: 19.476 ug/l
 RT: 7.91 min Scan# 1013
 Delta R.T. -0.01 min
 Lab File: VY000150.D
 Acq: 26 Sep 2019 14:11

Tgt Ion	Ratio	Lower	Upper
75	100		
110	41.2	21.1	63.1
77	29.7	24.6	36.8





#37

Ethyl Acetate

Concen: 18.498 ug/l

RT: 7.08 min Scan# 876

Delta R.T. 0.00 min

Lab File: VY000150.D

Acq: 26 Sep 2019 14:11

Instrument :
MSVOA_Y
ClientSampleId :

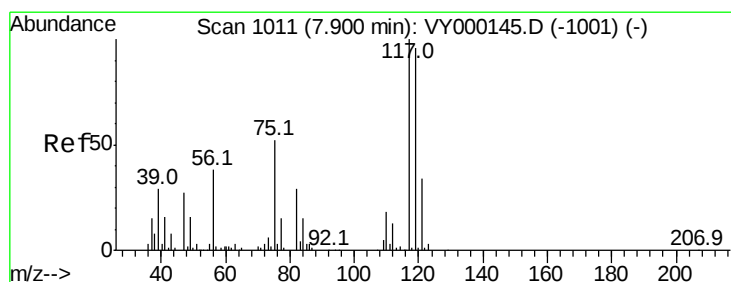
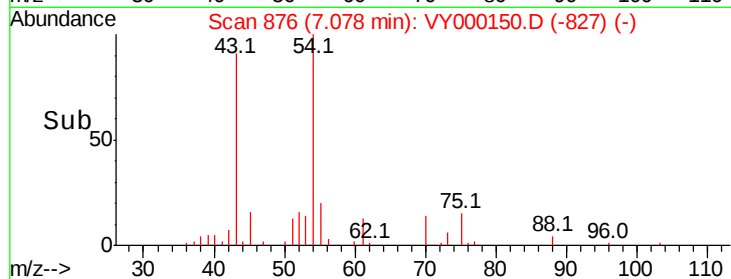
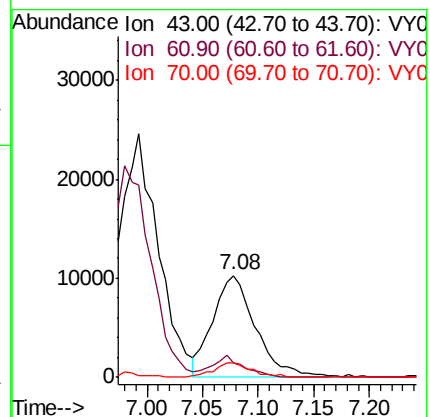
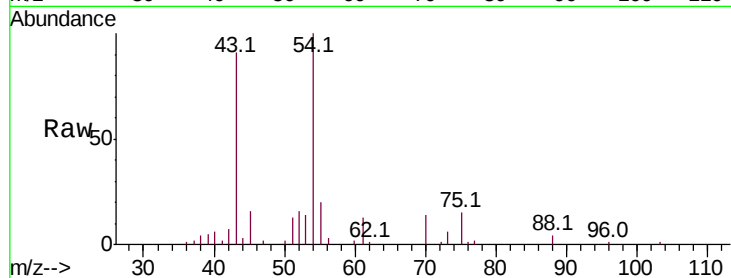
Tot Ion: 43 Resp: 27068

Ion Ratio Lower Upper

43 100

61 16.5 11.9 17.9

70 13.1 10.2 15.2



#38

Carbon Tetrachloride

Concen: 19.426 ug/l

RT: 7.89 min Scan# 1010

Delta R.T. -0.01 min

Lab File: VY000150.D

Acq: 26 Sep 2019 14:11

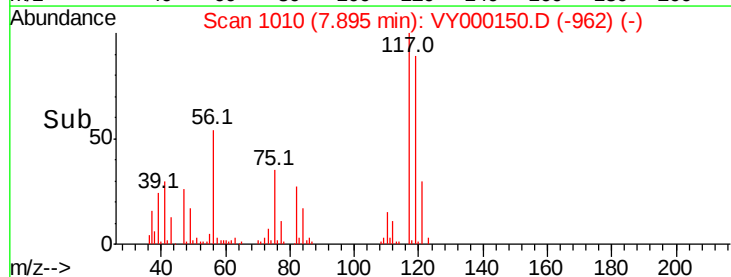
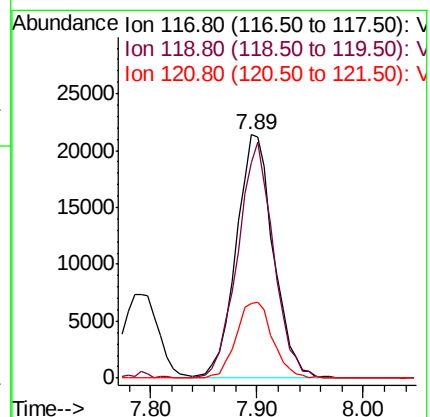
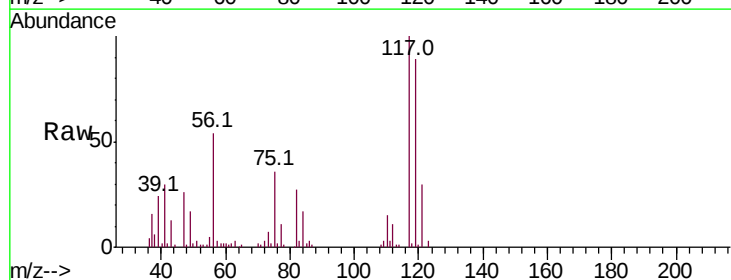
Tgt Ion: 117 Resp: 52532

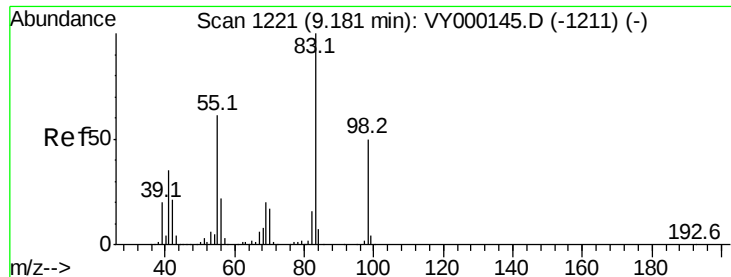
Ion Ratio Lower Upper

117 100

119 88.7 76.9 115.3

121 30.5 27.4 41.0

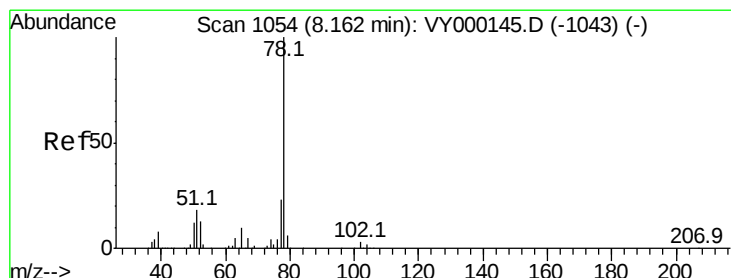
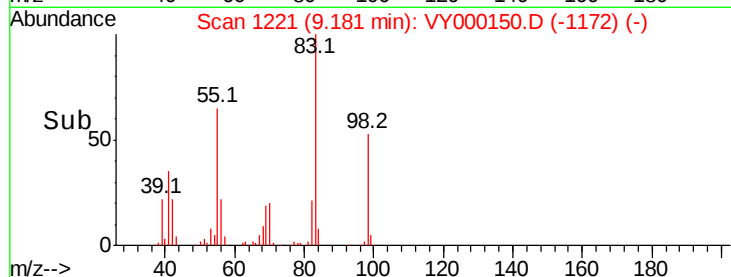
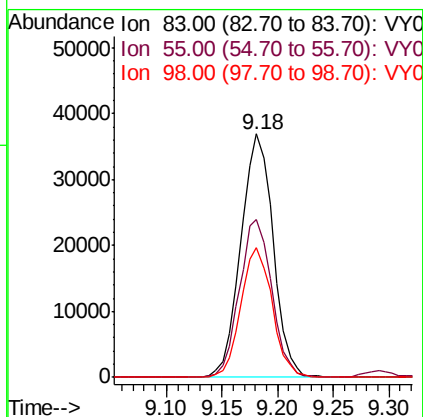
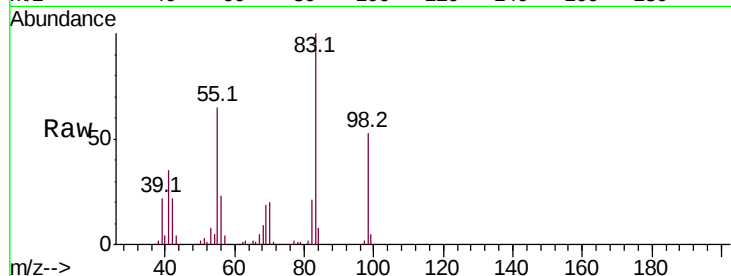




#39
Methvlcvclohexane
Concen: 18.956 ug/l
RT: 9.18 min Scan# 1221
Delta R.T. 0.00 min
Lab File: VY000150.D
Acq: 26 Sep 2019 14:11

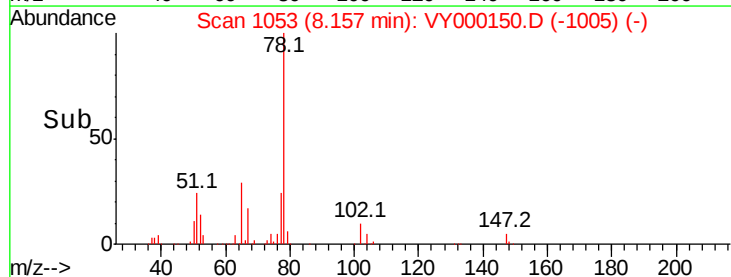
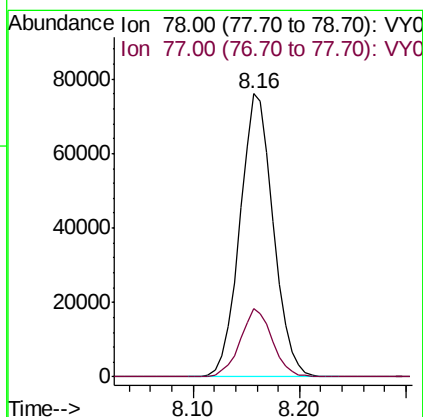
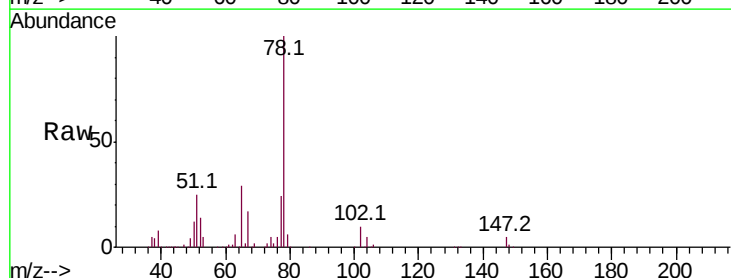
Instrument :
MSVOA_Y
ClientSampled :

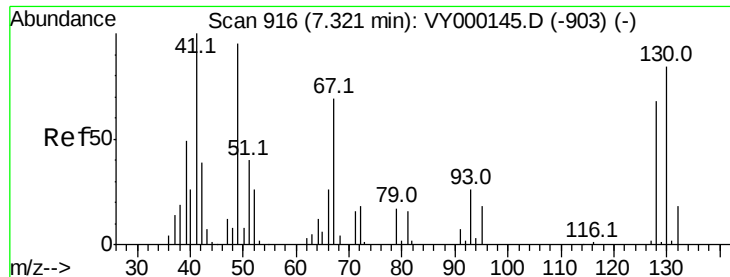
Tot Ion: 83 Resp: 74479
Ion Ratio Lower Upper
83 100
55 64.9 49.1 73.7
98 53.4 40.0 60.0



#40
Benzene
Concen: 19.129 ug/l
RT: 8.16 min Scan# 1053
Delta R.T. -0.01 min
Lab File: VY000150.D
Acq: 26 Sep 2019 14:11

Tgt Ion: 78 Resp: 167387
Ion Ratio Lower Upper
78 100
77 24.0 18.2 27.4





#41

Methacrylonitrile

Concen: 51.264 ug/l

RT: 7.35 min Scan# 920

Delta R.T. 0.02 min

Lab File: VY000150.D

Acq: 26 Sep 2019 14:11

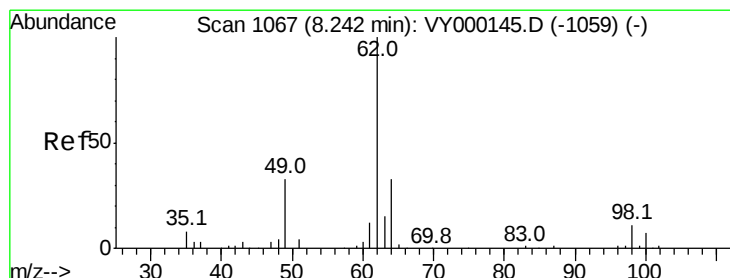
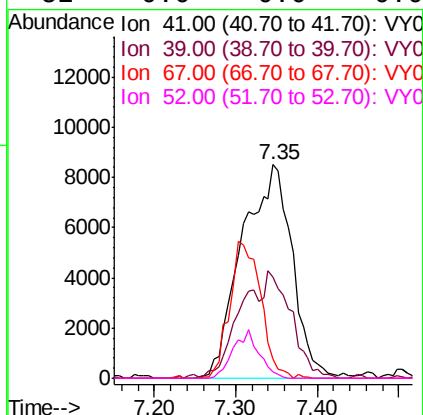
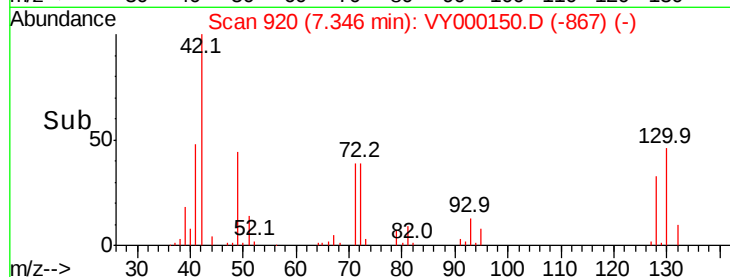
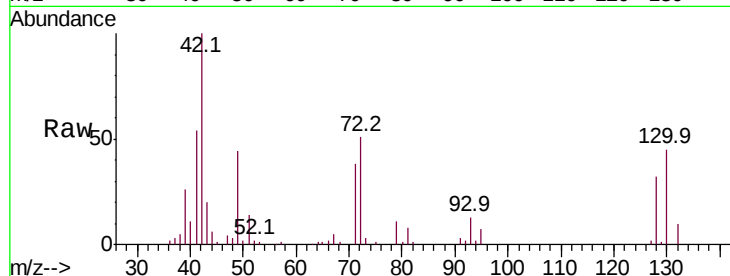
Instrument :

MSVOA_Y

ClientSampled :

Tot Ion: 41 Resp: 36134

Ion	Ratio	Lower	Upper
41	100		
39	28.4	0.0	0.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42

1,2-Dichloroethane

Concen: 18.465 ug/l

RT: 8.24 min Scan# 1066

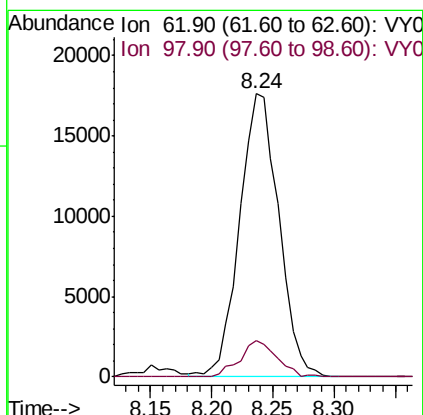
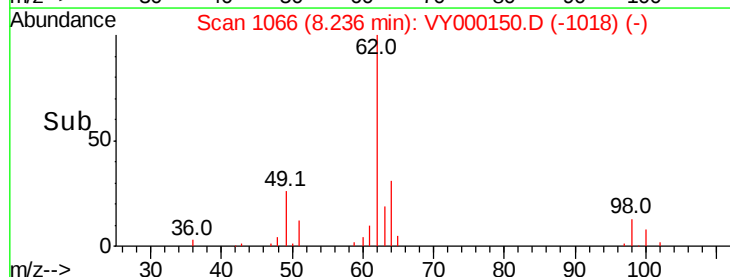
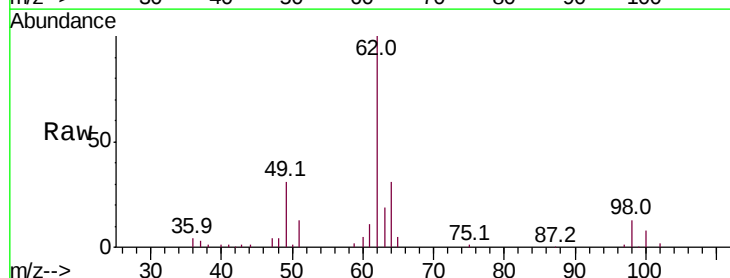
Delta R.T. -0.01 min

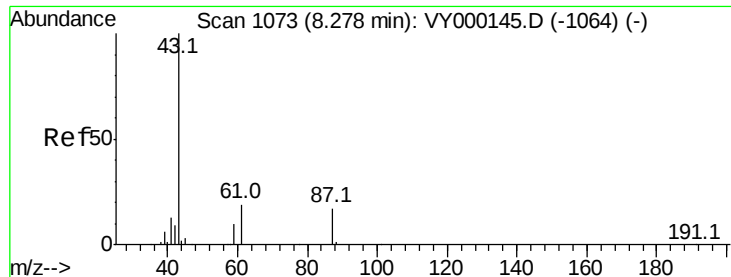
Lab File: VY000150.D

Acq: 26 Sep 2019 14:11

Tgt Ion: 62 Resp: 39314

Ion	Ratio	Lower	Upper
62	100		
98	12.2	0.0	24.8

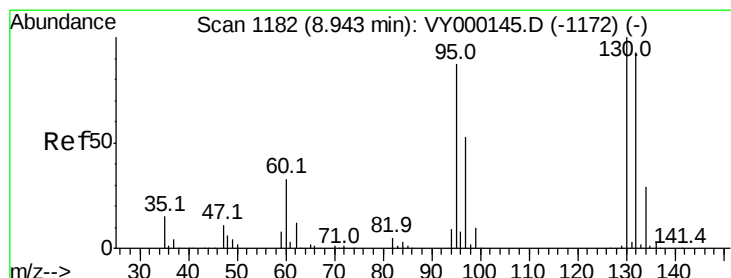
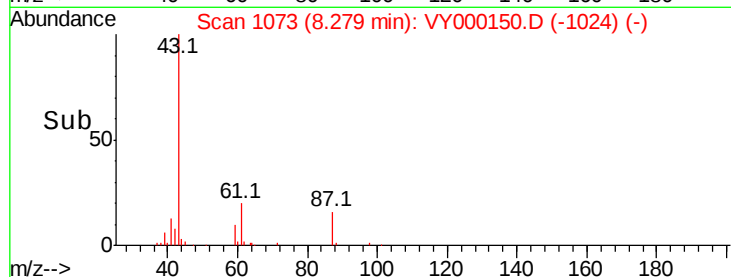
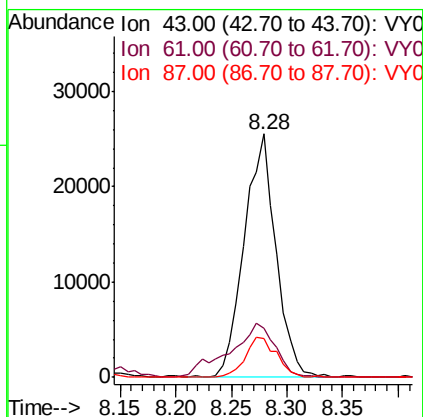
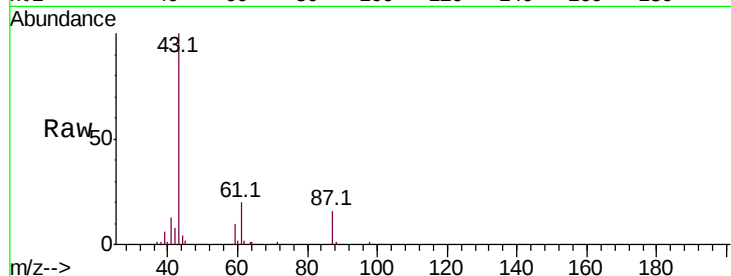




#43
Isopropyl Acetate
Concen: 18.732 ug/l
RT: 8.28 min Scan# 1073
Delta R.T. 0.00 min
Lab File: VY000150.D
Acq: 26 Sep 2019 14:11

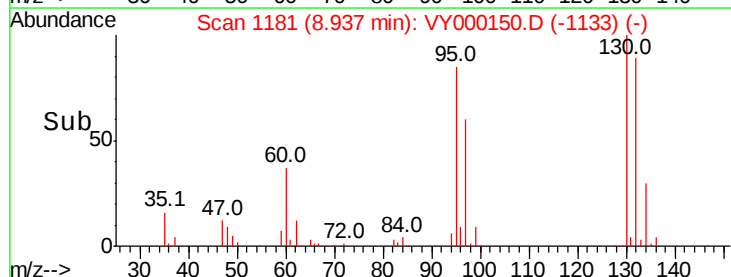
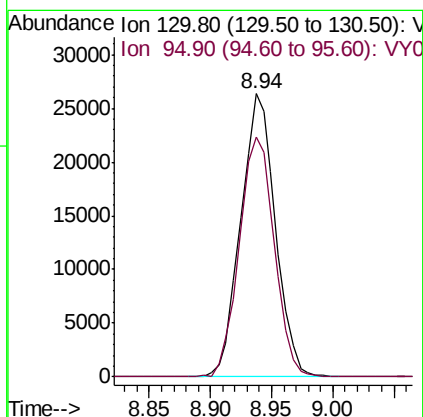
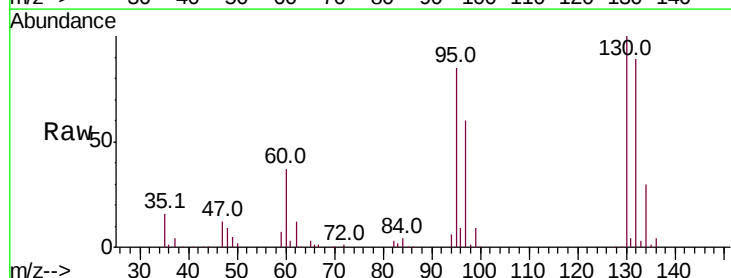
Instrument :
MSVOA_Y
ClientSampleId :

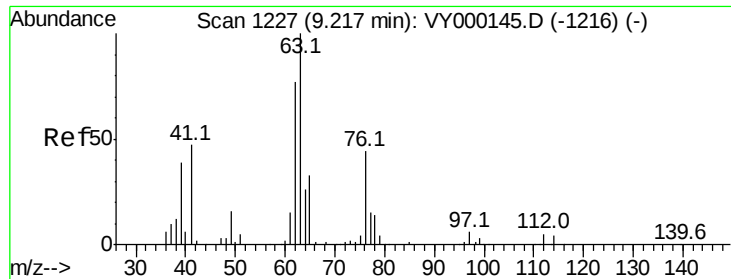
Tot Ion	43	Resp	50633
Ion Ratio	100	Lower	Upper
61	32.0	25.6	38.4
87	16.3	13.5	20.3



#44
Trichloroethene
Concen: 18.498 ug/l
RT: 8.94 min Scan# 1181
Delta R.T. -0.01 min
Lab File: VY000150.D
Acq: 26 Sep 2019 14:11

Tgt Ion	130	Resp	51727
Ion Ratio	100	Lower	Upper
95	84.6	0.0	174.8





#45

1,2-Dichloropropane

Concen: 19.478 ug/l

RT: 9.22 min Scan# 1227

Delta R.T. 0.00 min

Lab File: VY000150.D

Acq: 26 Sep 2019 14:11

Instrument :

MSVOA_Y

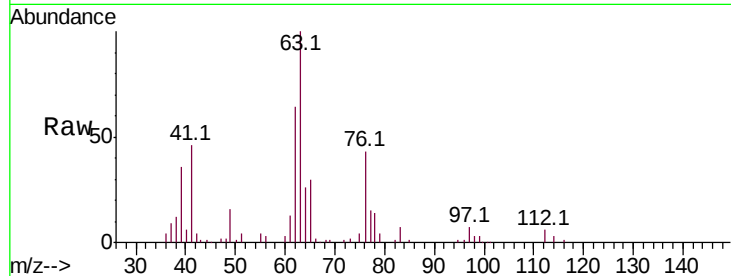
ClientSampled :

Tot Ion: 63 Resp: 37598

Ion Ratio Lower Upper

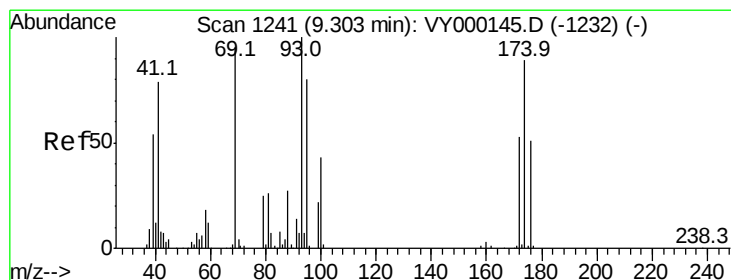
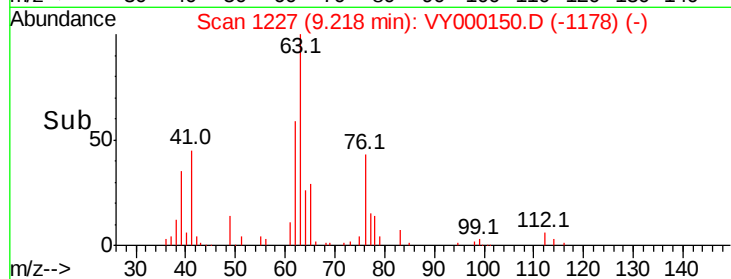
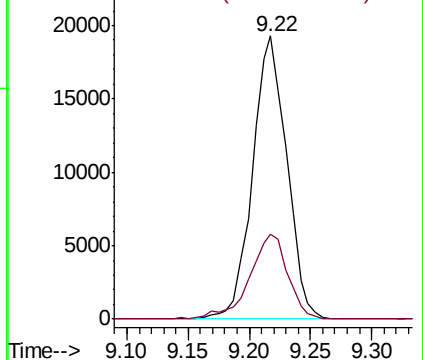
63 100

65 29.9 26.8 40.2



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 64.90 (64.60 to 65.60): VY0



#46

Dibromomethane

Concen: 18.862 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. 0.01 min

Lab File: VY000150.D

Acq: 26 Sep 2019 14:11

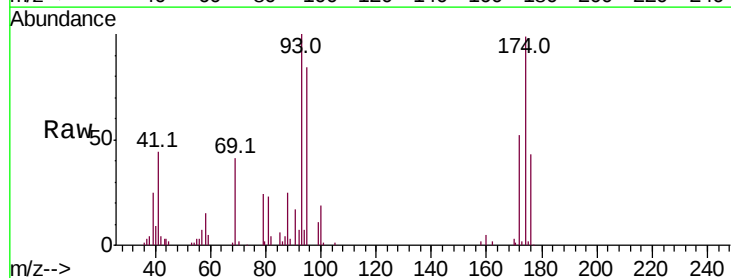
Tgt Ion: 93 Resp: 22220

Ion Ratio Lower Upper

93 100

95 84.1 66.3 99.5

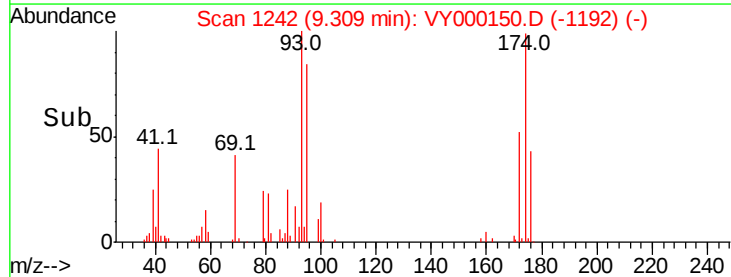
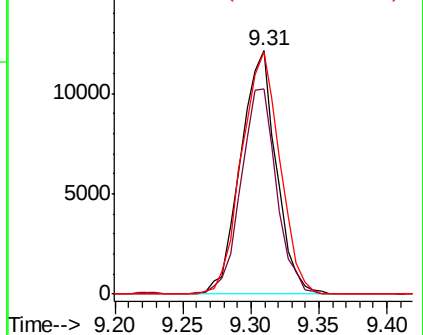
174 106.7 87.3 130.9

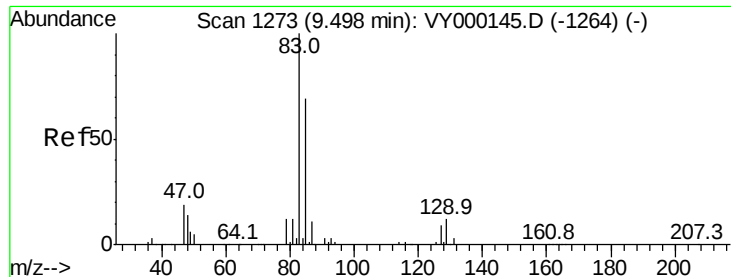


Abundance Ion 92.80 (92.50 to 93.50): VY0

Ion 94.80 (94.50 to 95.50): VY0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 18.340 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. 0.00 min

Lab File: VY000150.D

Acq: 26 Sep 2019 14:11

Instrument :

MSVOA_Y

ClientSampleId :

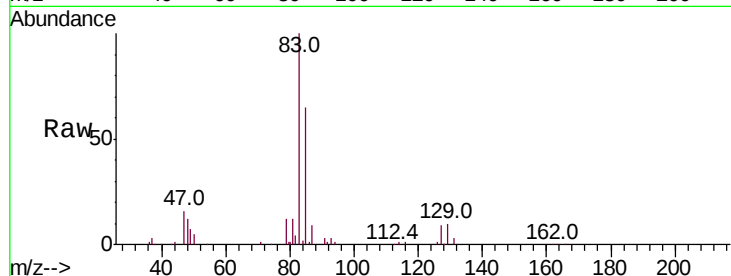
Tot Ion: 83 Resp: 48700

Ion Ratio Lower Upper

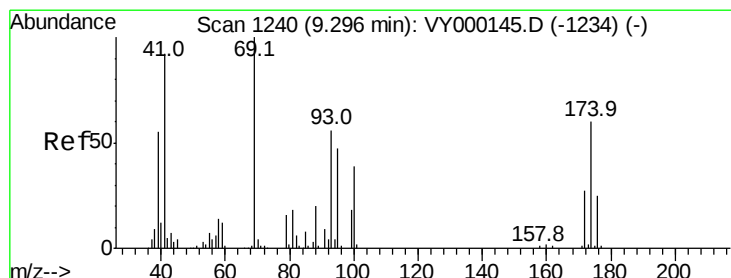
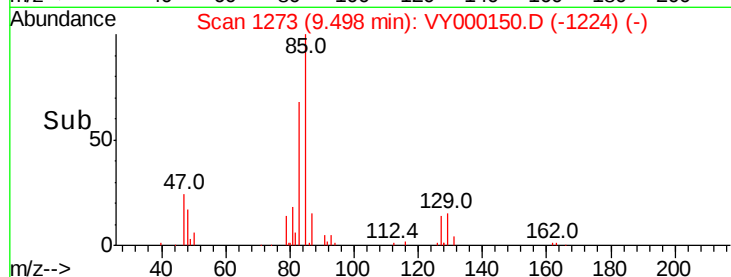
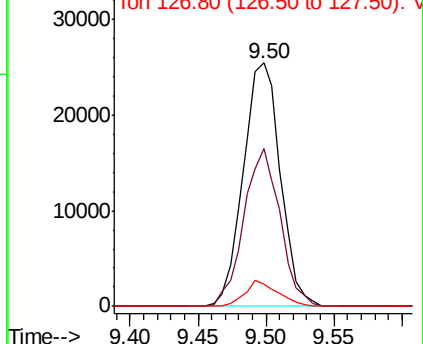
83 100

85 64.8 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: 19.213 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VY000150.D

Acq: 26 Sep 2019 14:11

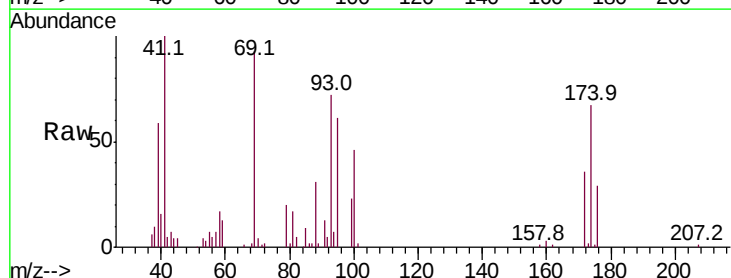
Tgt Ion: 41 Resp: 23256

Ion Ratio Lower Upper

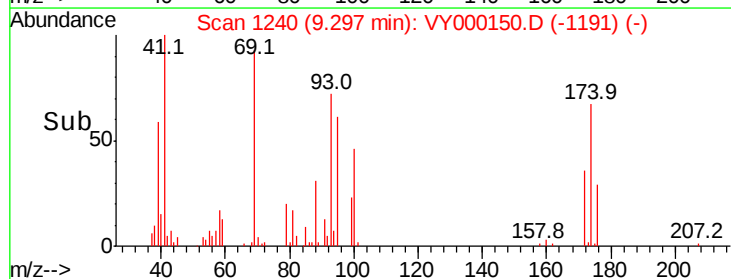
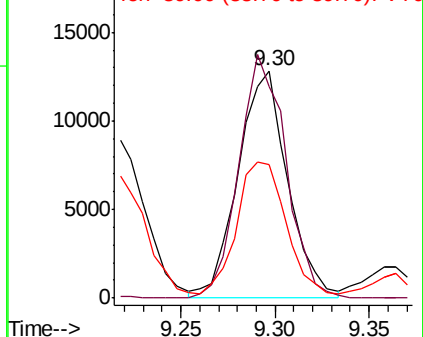
41 100

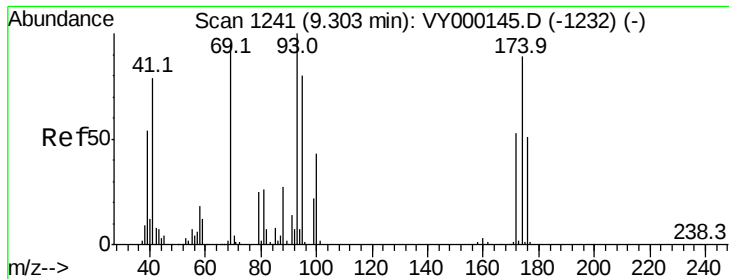
69 102.2 86.5 129.7

39 61.8 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

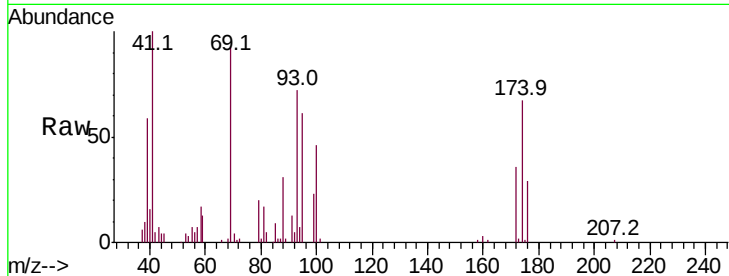




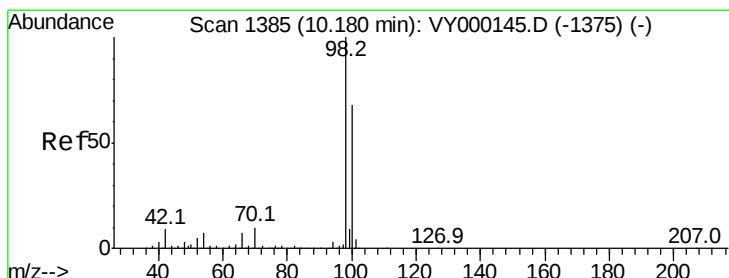
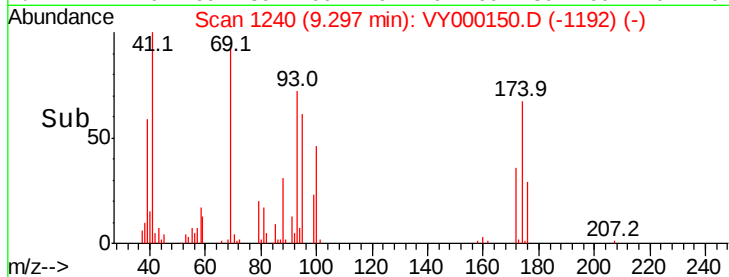
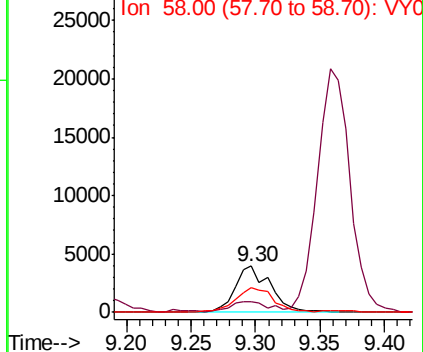
#49
1,4-Dioxane
Concen: 413.289 ug/l
RT: 9.30 min Scan# 1240
Delta R.T. -0.01 min
Lab File: VY000150.D
Acq: 26 Sep 2019 14:11

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 88 Resp: 7522
Ion Ratio Lower Upper
88 100
43 23.9 24.4 36.6#
58 59.0 49.2 73.8

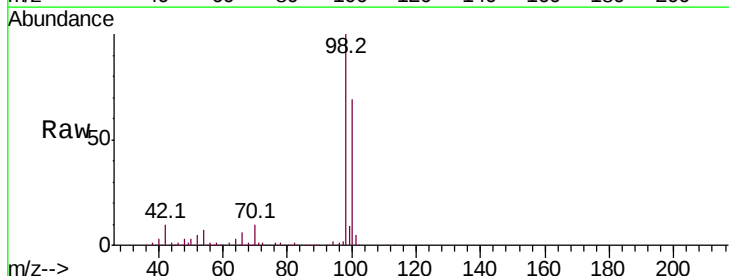


Abundance Ion 88.00 (87.70 to 88.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 58.00 (57.70 to 58.70): VY0

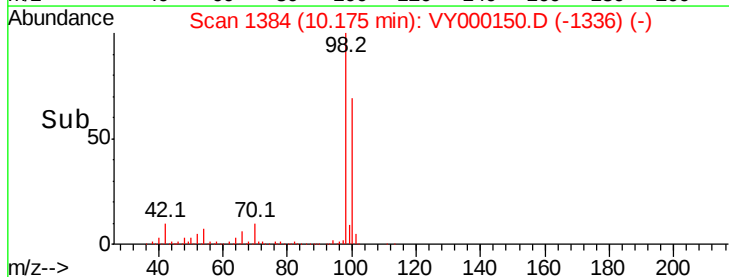
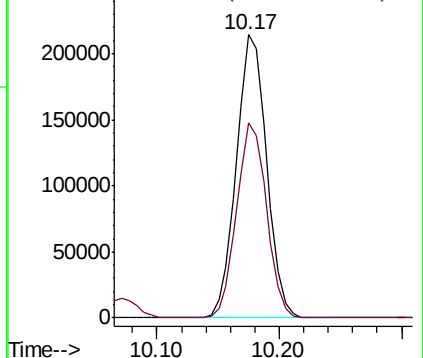


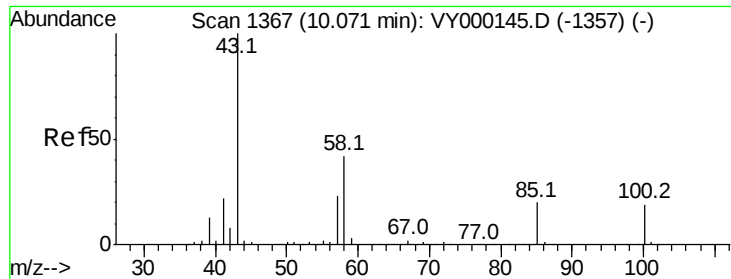
#50
Toluene-d8
Concen: 49.643 ug/l
RT: 10.17 min Scan# 1384
Delta R.T. -0.01 min
Lab File: VY000150.D
Acq: 26 Sep 2019 14:11

Tgt Ion: 98 Resp: 366716
Ion Ratio Lower Upper
98 100
100 68.2 54.2 81.2



Abundance Ion 98.00 (97.70 to 98.70): VY0
Ion 100.00 (99.70 to 100.70): VY0





#51

4-Methyl-2-Pentanone

Concen: 94.171 ug/l

RT: 10.07 min Scan# 1366

Delta R.T. -0.01 min

Lab File: VY000150.D

Acq: 26 Sep 2019 14:11

Instrument :

MSVOA_Y

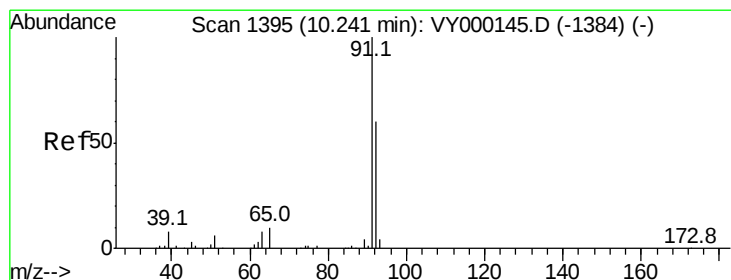
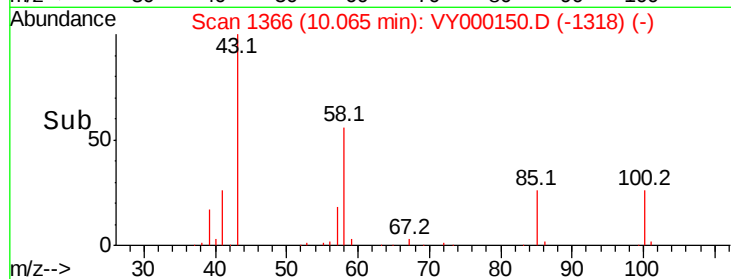
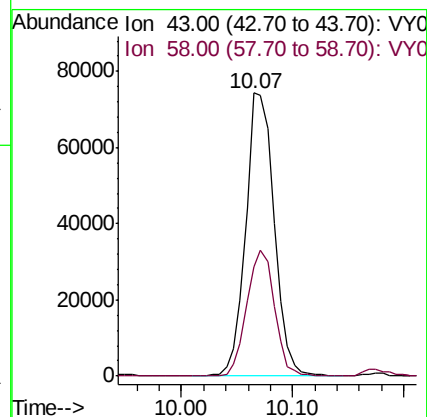
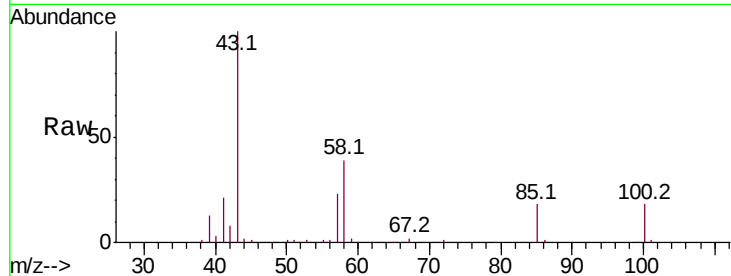
ClientSampleId :

Tot Ion: 43 Resp: 132123

Ion Ratio Lower Upper

43 100

58 43.3 33.6 50.4



#52

Toluene

Concen: 18.679 ug/l

RT: 10.24 min Scan# 1395

Delta R.T. 0.00 min

Lab File: VY000150.D

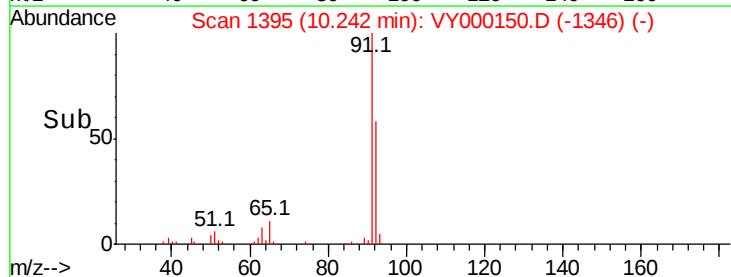
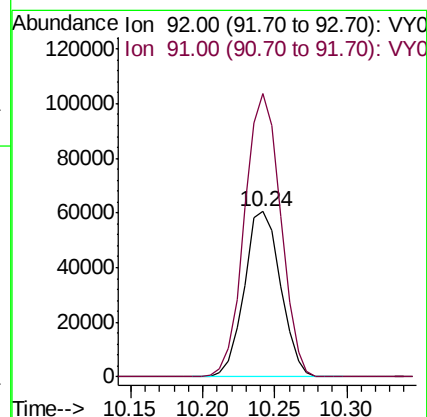
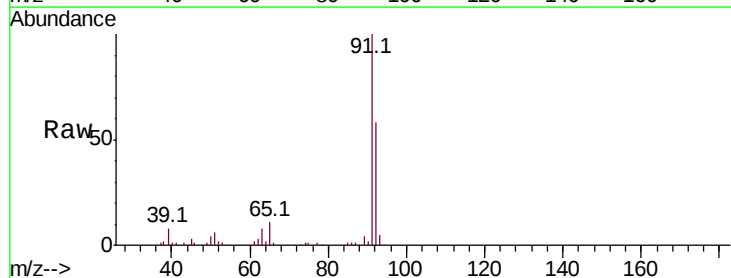
Acq: 26 Sep 2019 14:11

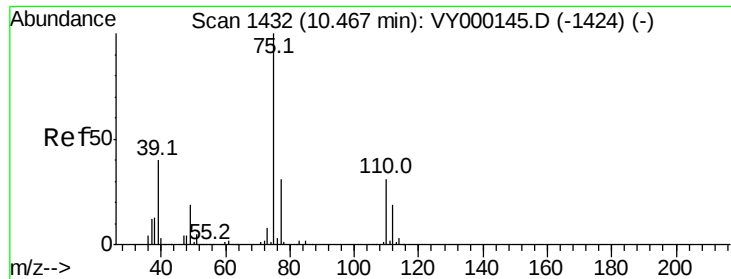
Tgt Ion: 92 Resp: 105852

Ion Ratio Lower Upper

92 100

91 169.7 134.6 201.8

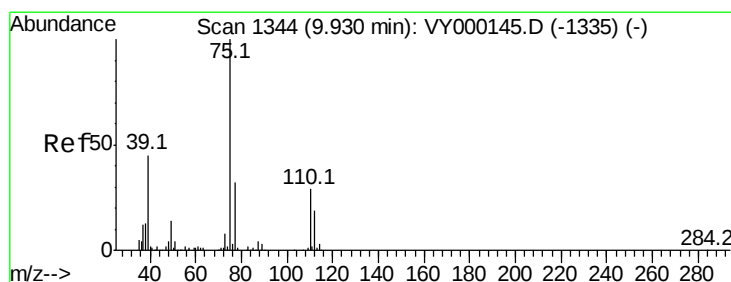
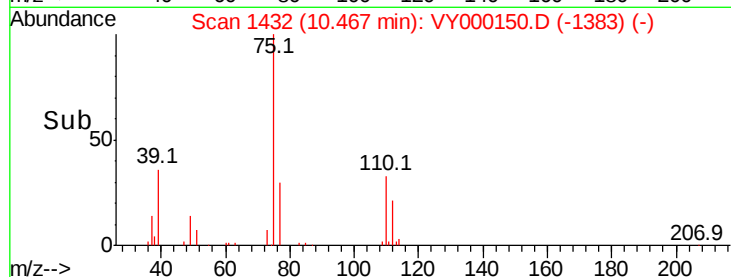
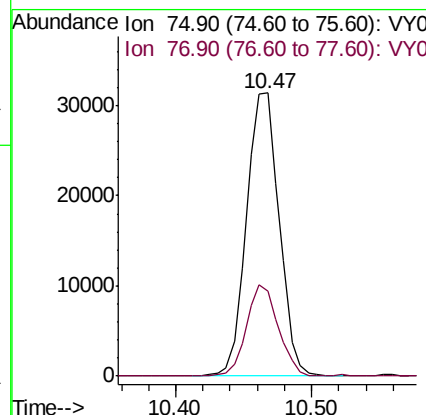
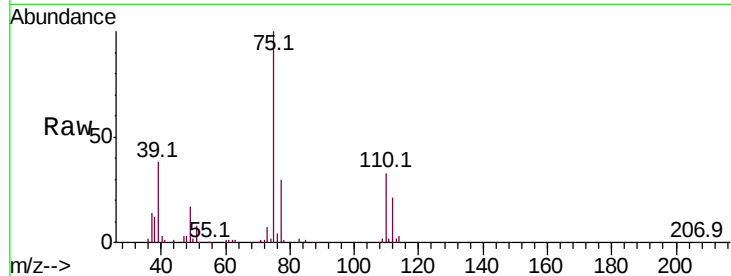




#53
 t-1,3-Dichloropropene
 Concen: 18.925 ug/l
 RT: 10.47 min Scan# 1432
 Delta R.T. 0.00 min
 Lab File: VY000150.D
 Acq: 26 Sep 2019 14:11

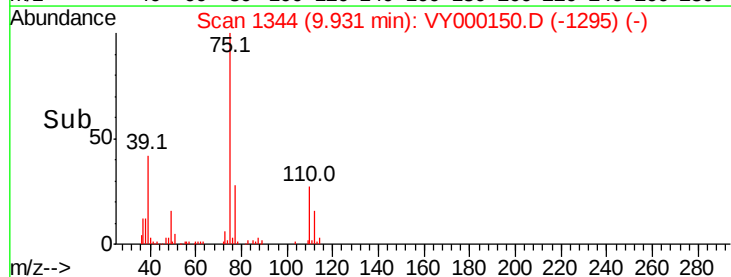
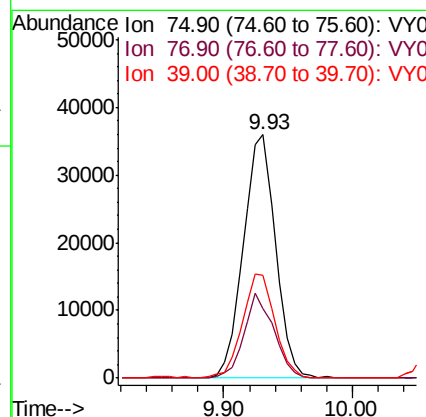
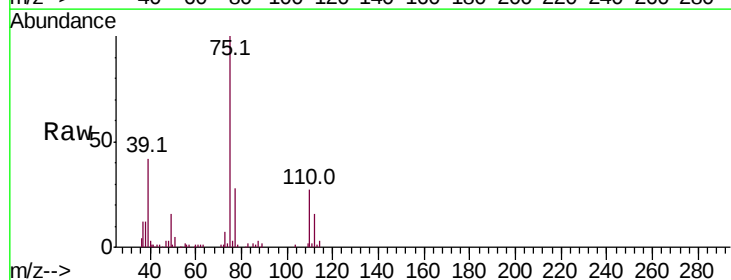
Instrument :
 MSVOA_Y
 ClientSampleId :

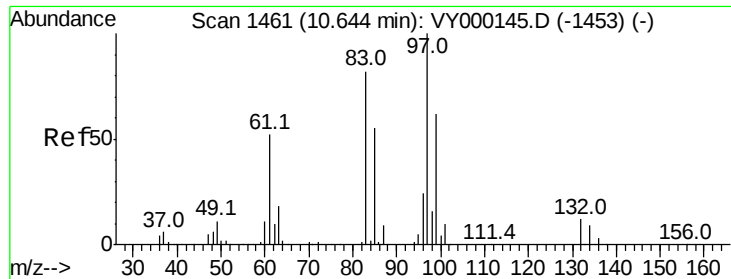
Tot Ion: 75 Resp: 52788
 Ion Ratio Lower Upper
 75 100
 77 29.9 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 18.720 ug/l
 RT: 9.93 min Scan# 1344
 Delta R.T. 0.00 min
 Lab File: VY000150.D
 Acq: 26 Sep 2019 14:11

Tgt Ion: 75 Resp: 61880
 Ion Ratio Lower Upper
 75 100
 77 28.3 25.4 38.0
 39 42.3 35.8 53.6

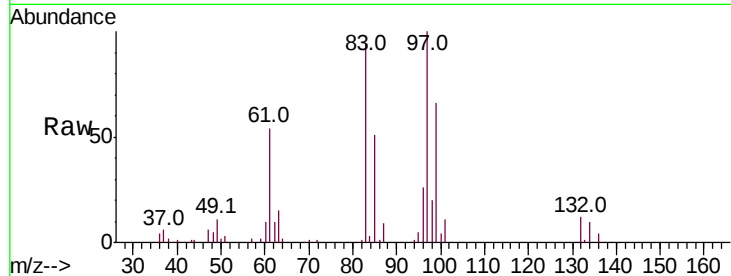




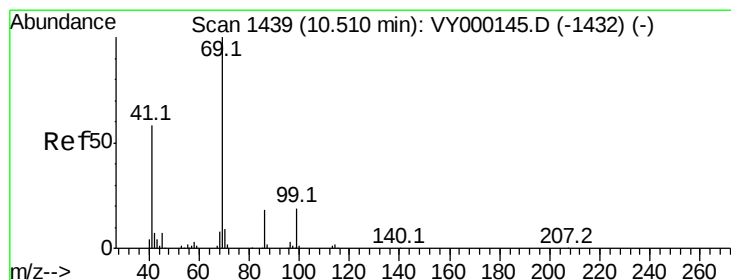
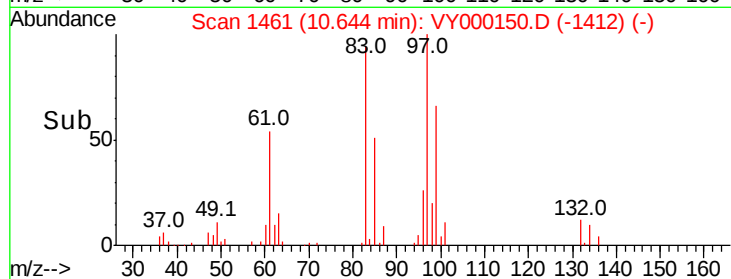
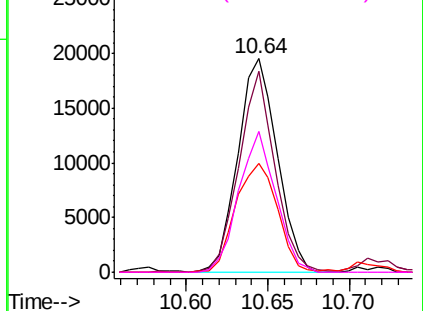
#55
 1,1,2-Trichloroethane
 Concen: 18.732 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: VY000150.D
 Acq: 26 Sep 2019 14:11

Instrument :
 MSVOA_Y
 ClientSampled :

Tot Ion:	97	Resp:	32812
Ion	Ratio	Lower	Upper
97	100		
83	93.9	65.7	98.5
85	51.0	44.1	66.1
99	66.1	49.4	74.2

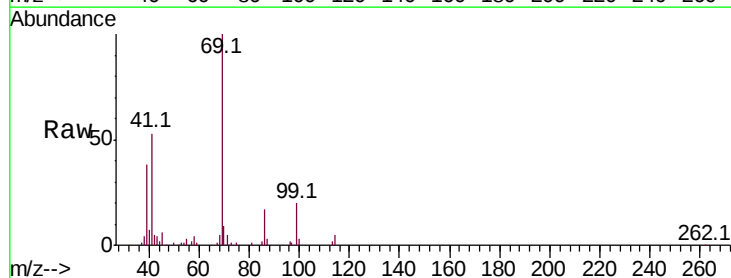


Abundance Ion 96.90 (96.60 to 97.60): VY0
 Ion 82.90 (82.60 to 83.60): VY0
 Ion 84.90 (84.60 to 85.60): VY0
 Ion 98.90 (98.60 to 99.60): VY0

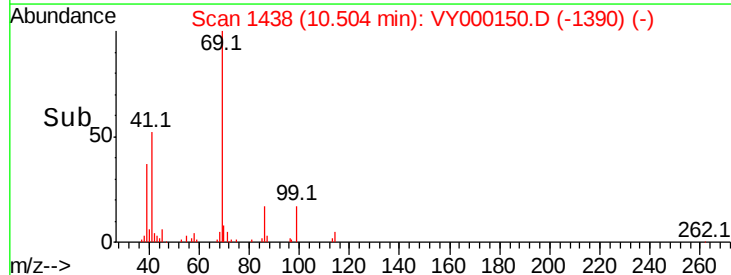
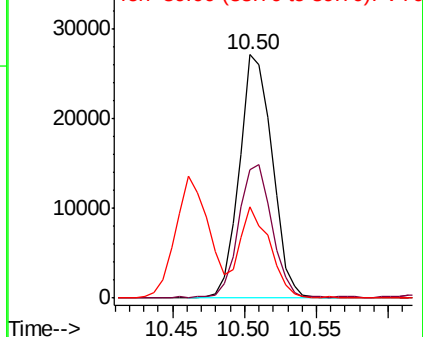


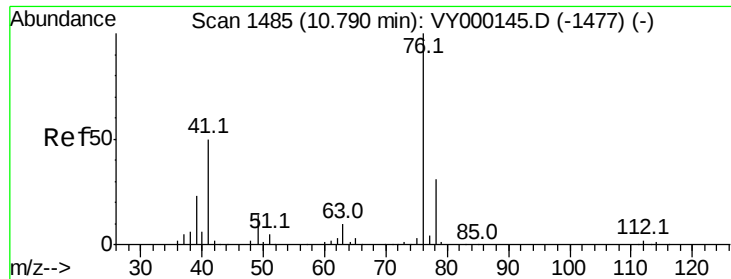
#56
 Ethyl methacrylate
 Concen: 18.860 ug/l
 RT: 10.50 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: VY000150.D
 Acq: 26 Sep 2019 14:11

Tgt Ion:	69	Resp:	42973
Ion	Ratio	Lower	Upper
69	100		
41	56.4	45.8	68.8
39	34.9	27.8	41.8



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





#57

1,3-Dichloropropane

Concen: 18.896 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. 0.00 min

Lab File: VY000150.D

Acq: 26 Sep 2019 14:11

Instrument :

MSVOA_Y

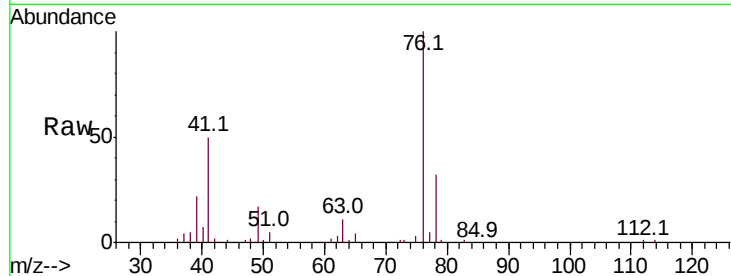
ClientSampleId :

Tot Ion: 76 Resp: 53188

Ion Ratio Lower Upper

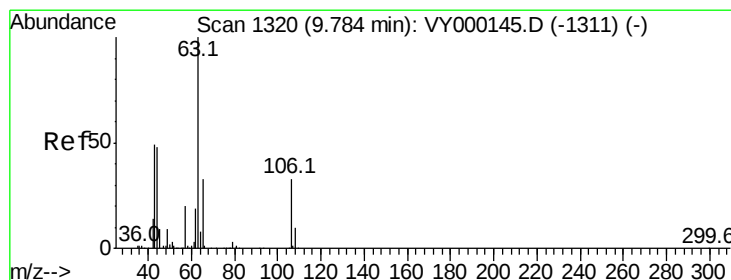
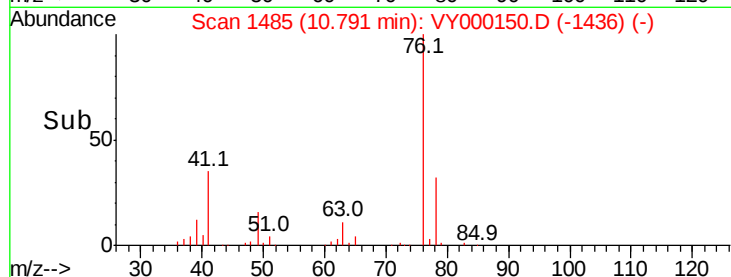
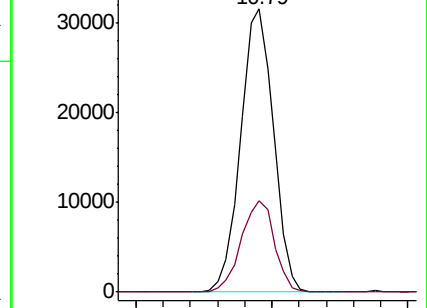
76 100

78 32.6 25.4 38.0



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#58

2-Chloroethyl Vinyl ether

Concen: 96.601 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. 0.00 min

Lab File: VY000150.D

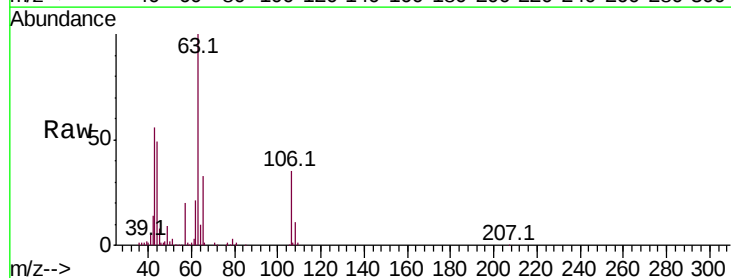
Acq: 26 Sep 2019 14:11

Tgt Ion: 63 Resp: 103383

Ion Ratio Lower Upper

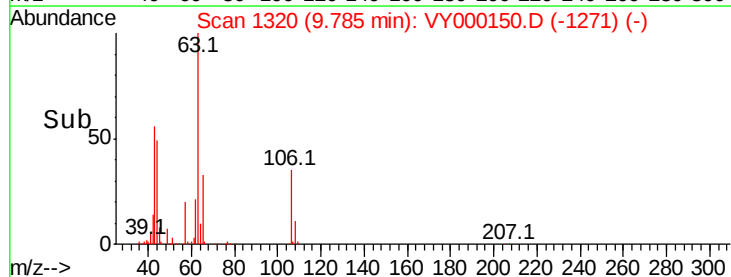
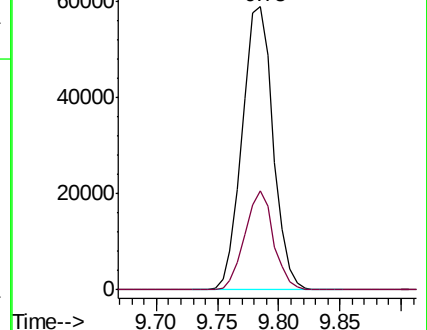
63 100

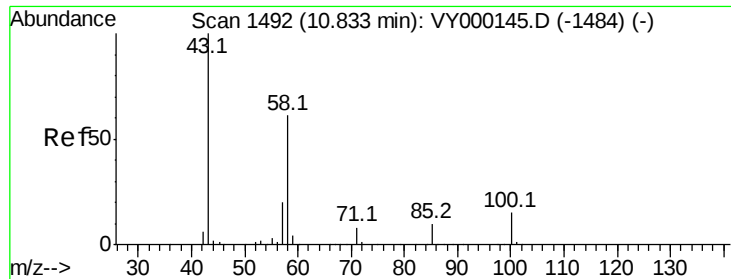
106 32.5 27.0 40.6



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

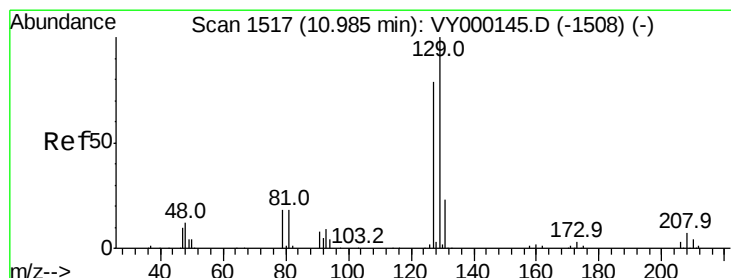
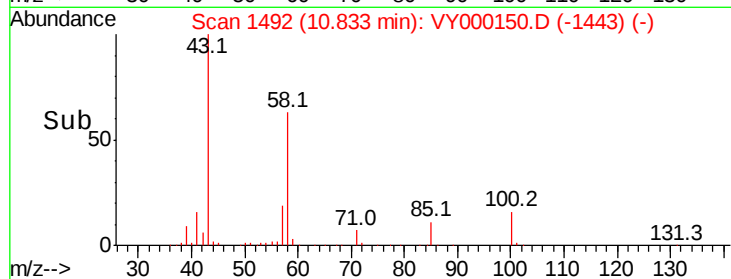
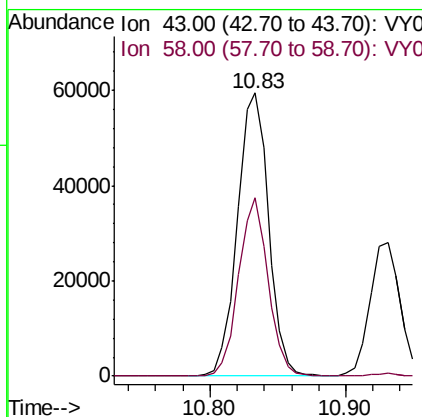
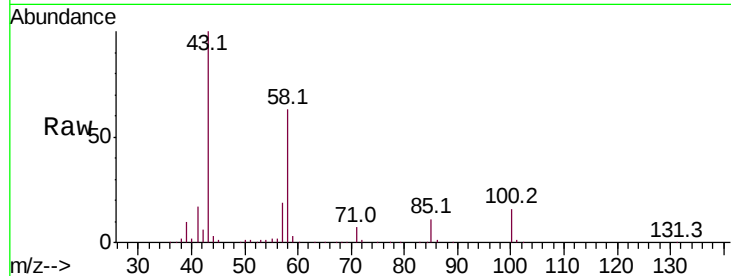




#59
2-Hexanone
Concen: 95.175 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY000150.D
Acq: 26 Sep 2019 14:11

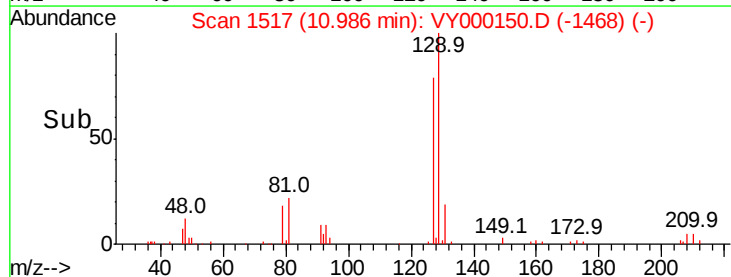
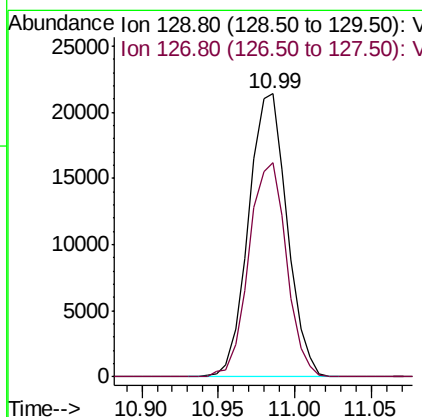
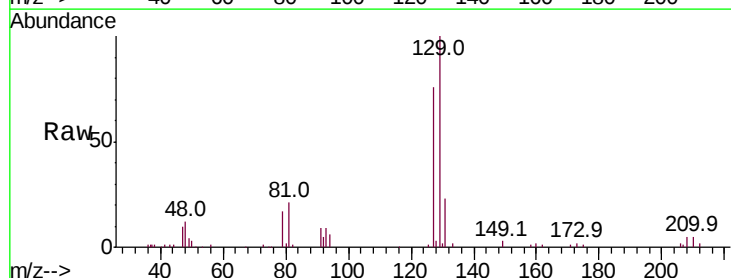
Instrument :
MSVOA_Y
ClientSampleId :

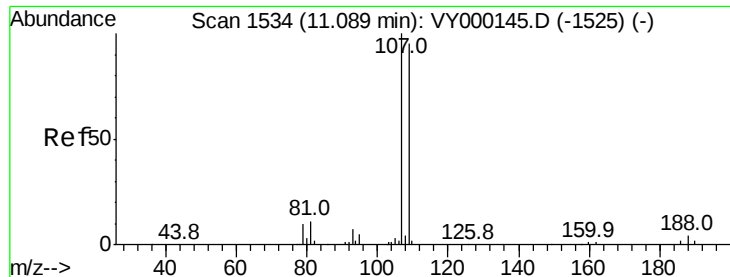
Tot Ion: 43 Resp: 94905
Ion Ratio Lower Upper
43 100
58 59.6 29.5 88.5



#60
Dibromochloromethane
Concen: 18.968 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY000150.D
Acq: 26 Sep 2019 14:11

Tgt Ion: 129 Resp: 37560
Ion Ratio Lower Upper
129 100
127 74.0 39.4 118.1





#61

1,2-Dibromoethane

Concen: 19.021 ug/l

RT: 11.08 min Scan# 1533

Delta R.T. -0.01 min

Lab File: VY000150.D

Acq: 26 Sep 2019 14:11

Instrument :

MSVOA_Y

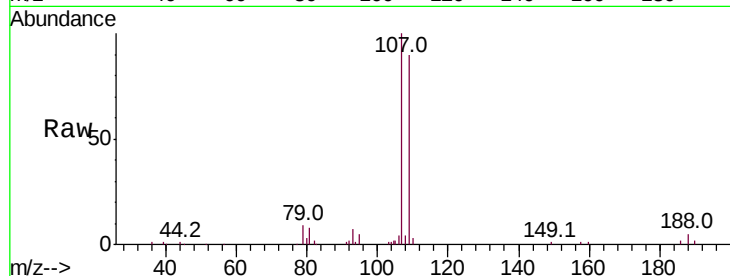
ClientSampleId :

Tot Ion:107 Resp: 31794

Ion Ratio Lower Upper

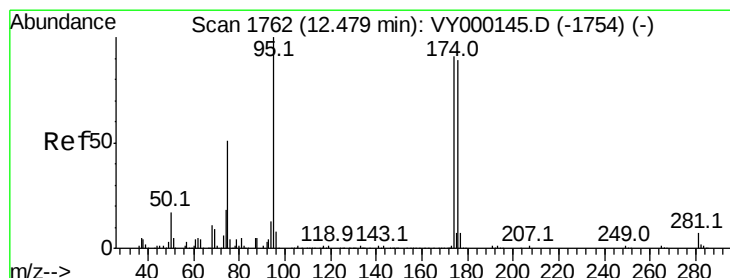
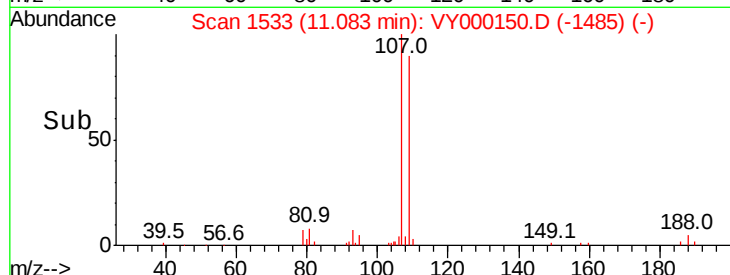
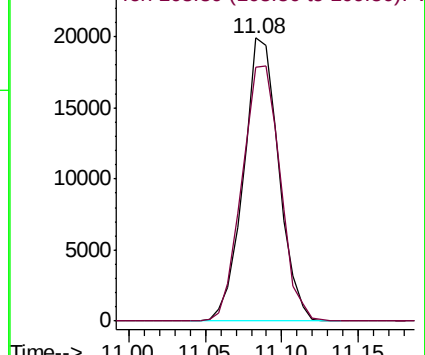
107 100

109 98.1 75.8 113.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 44.891 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY000150.D

Acq: 26 Sep 2019 14:11

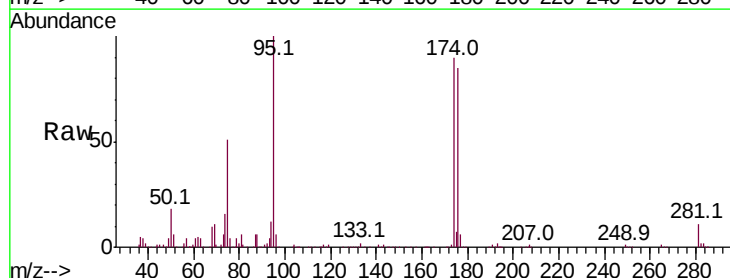
Tgt Ion: 95 Resp: 120868

Ion Ratio Lower Upper

95 100

174 86.1 0.0 180.6

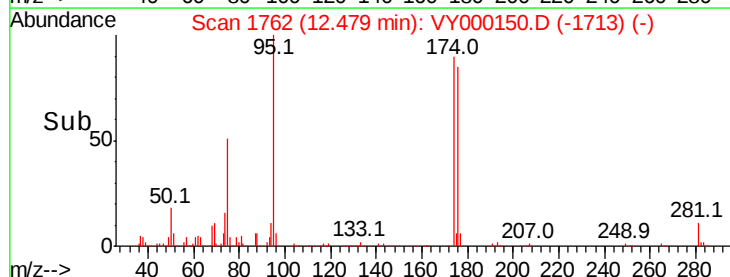
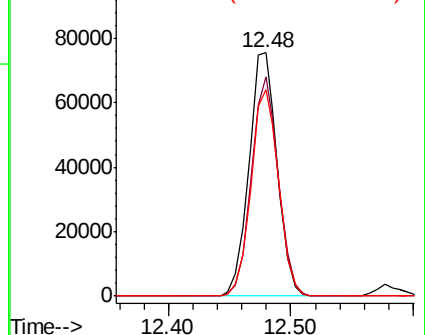
176 83.0 0.0 171.6

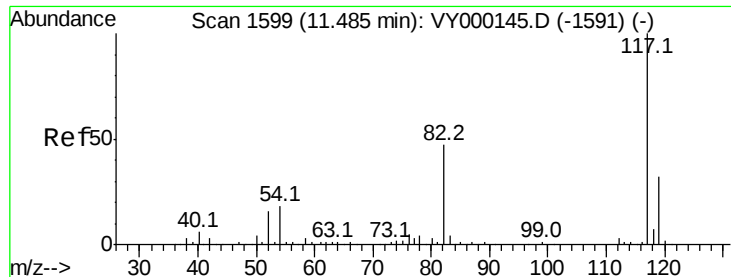


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

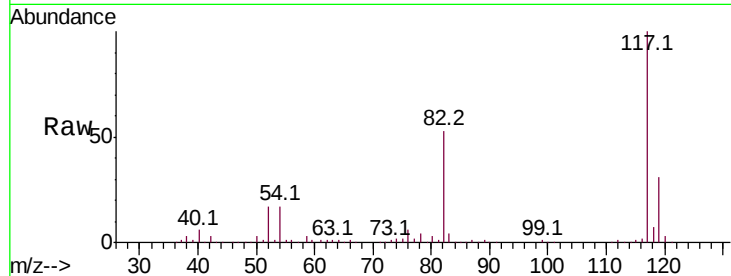




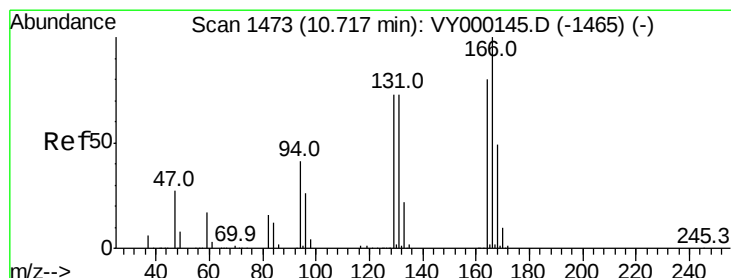
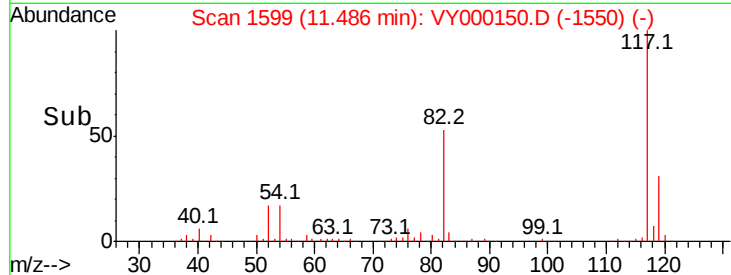
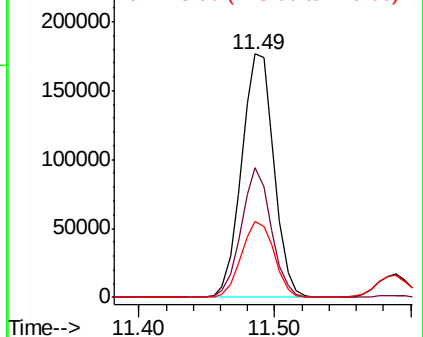
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. 0.00 min
Lab File: VY000150.D
Acq: 26 Sep 2019 14:11

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:117 Resp: 292691
Ion Ratio Lower Upper
117 100
82 53.1 37.7 56.5
119 31.4 25.4 38.2

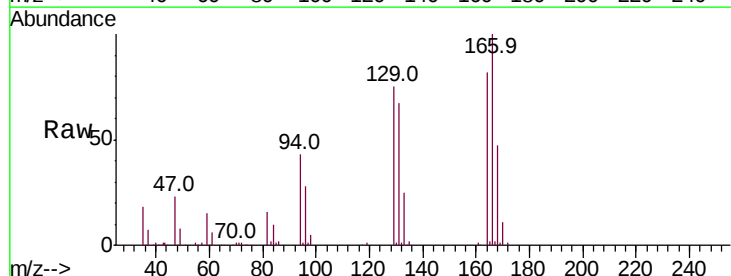


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

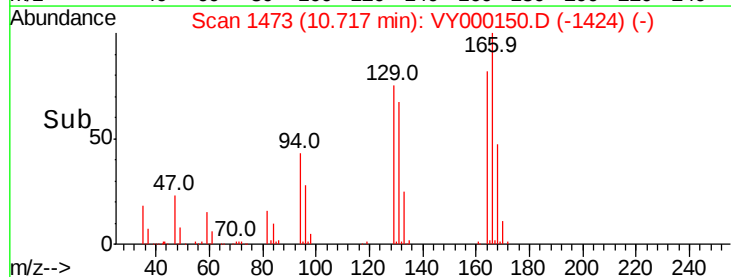
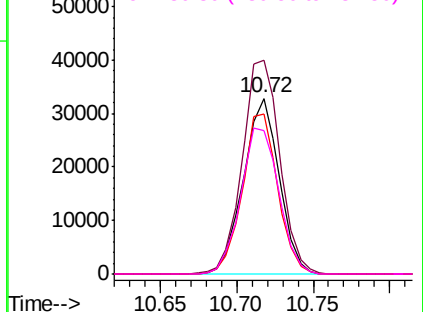


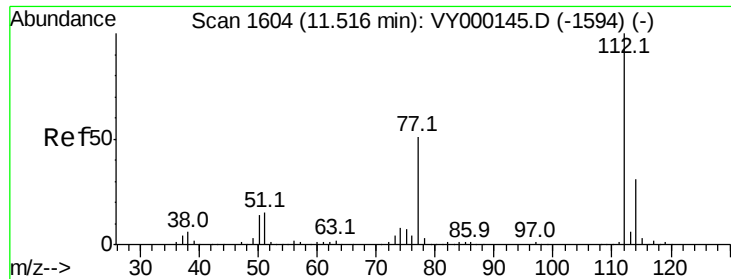
#64
Tetrachloroethene
Concen: 18.363 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY000150.D
Acq: 26 Sep 2019 14:11

Tgt Ion:164 Resp: 53243
Ion Ratio Lower Upper
164 100
166 121.8 99.5 149.3
129 91.6 72.8 109.2
131 81.7 73.0 109.6



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

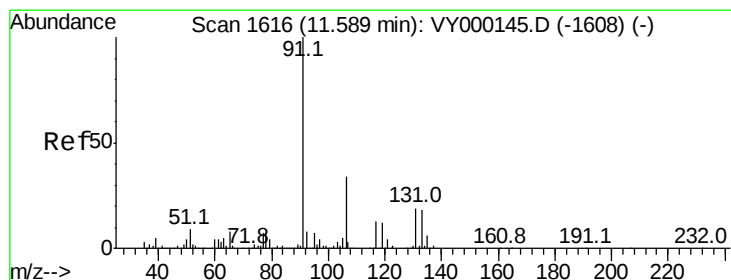
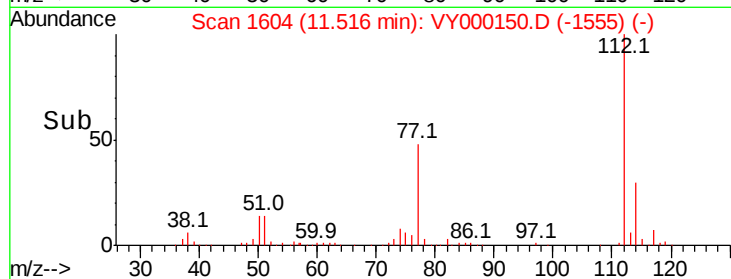
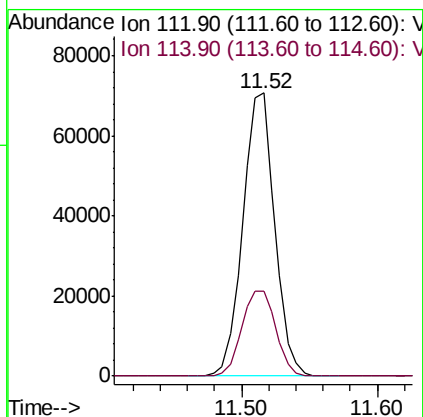
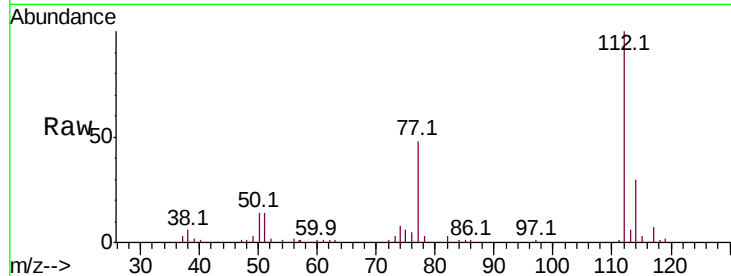




#65
Chlorobenzene
Concen: 18.936 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VY000150.D
Acq: 26 Sep 2019 14:11

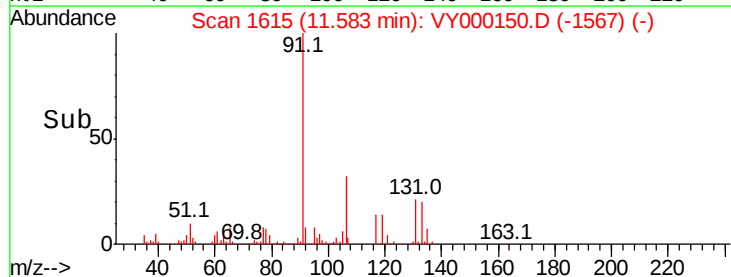
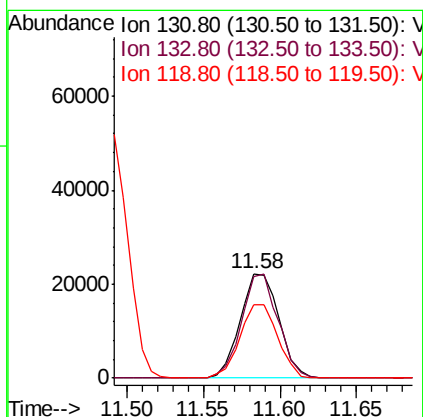
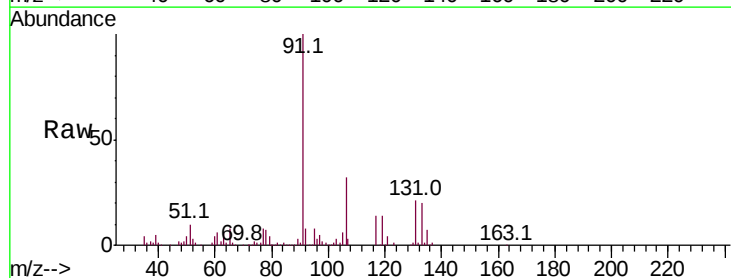
Instrument :
MSVOA_Y
ClientSampleId :

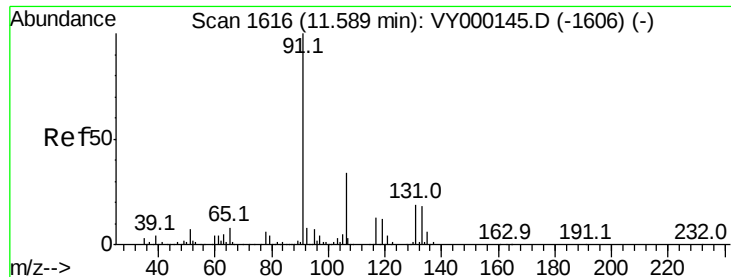
Tot Ion:112 Resp: 115341
Ion Ratio Lower Upper
112 100
114 29.8 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 18.858 ug/l
RT: 11.58 min Scan# 1615
Delta R.T. -0.01 min
Lab File: VY000150.D
Acq: 26 Sep 2019 14:11

Tgt Ion:131 Resp: 38813
Ion Ratio Lower Upper
131 100
133 94.5 47.2 141.6
119 69.7 32.3 96.9





#67

Ethyl Benzene

Concen: 18.872 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. 0.00 min

Lab File: VY000150.D

Acq: 26 Sep 2019 14:11

Instrument :

MSVOA_Y

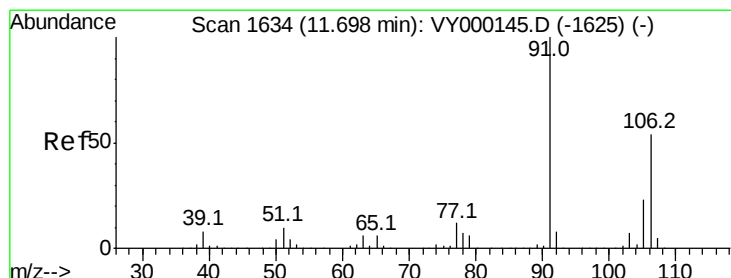
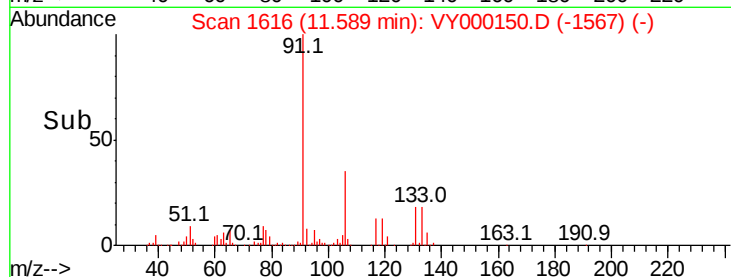
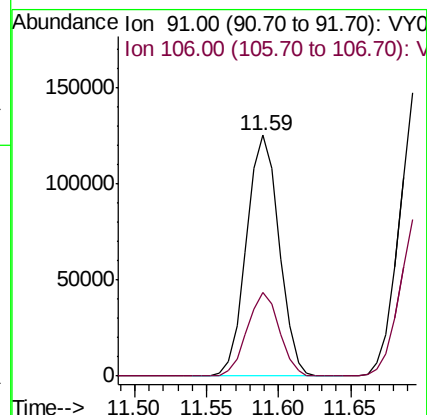
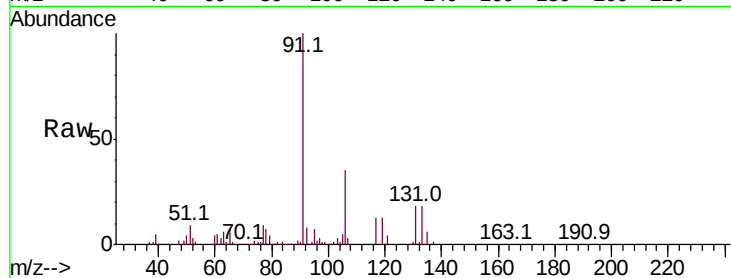
ClientSampleId :

Tot Ion: 91 Resp: 196487

Ion Ratio Lower Upper

91 100

106 34.6 27.3 40.9



#68

m/p-Xylenes

Concen: 38.622 ug/l

RT: 11.70 min Scan# 1634

Delta R.T. 0.00 min

Lab File: VY000150.D

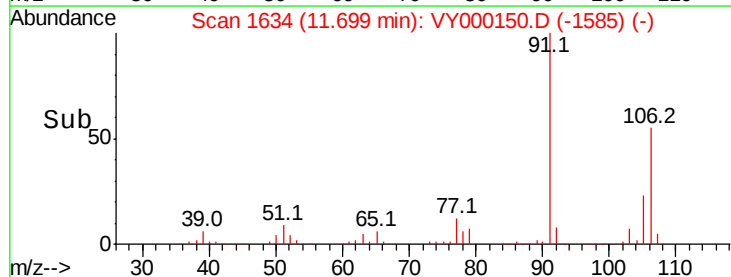
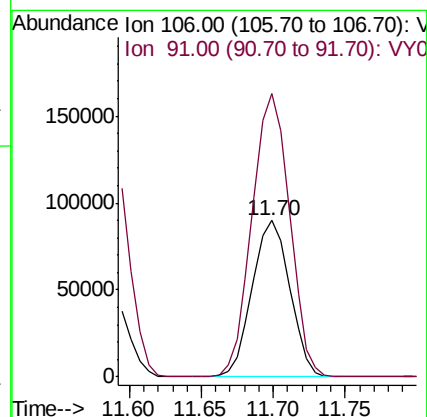
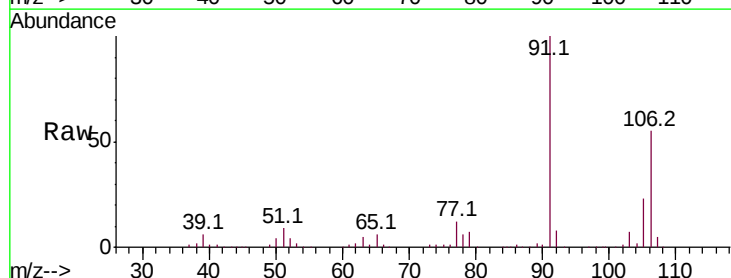
Acq: 26 Sep 2019 14:11

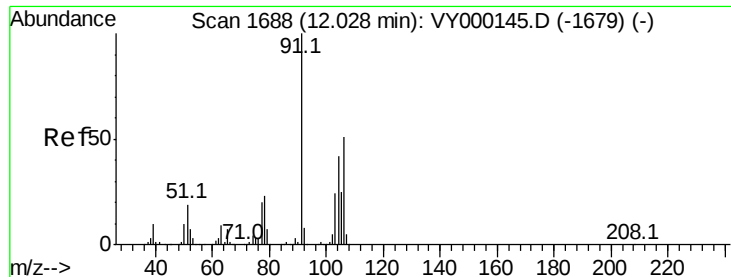
Tgt Ion:106 Resp: 162564

Ion Ratio Lower Upper

106 100

91 181.1 148.6 223.0

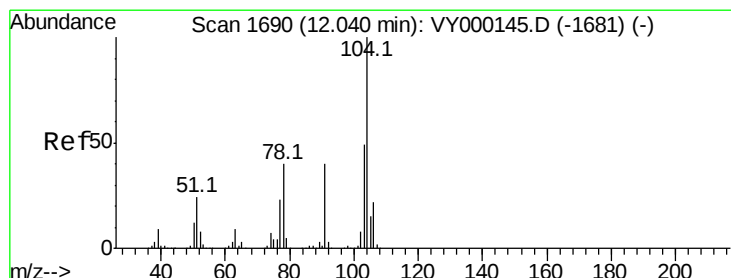
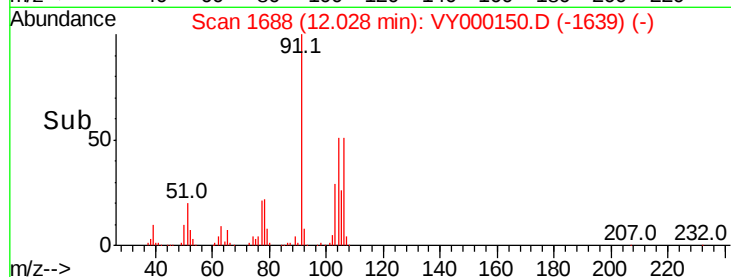
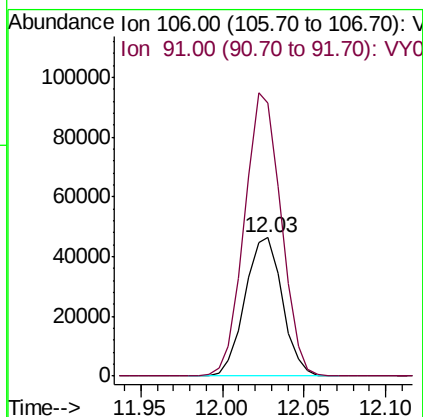
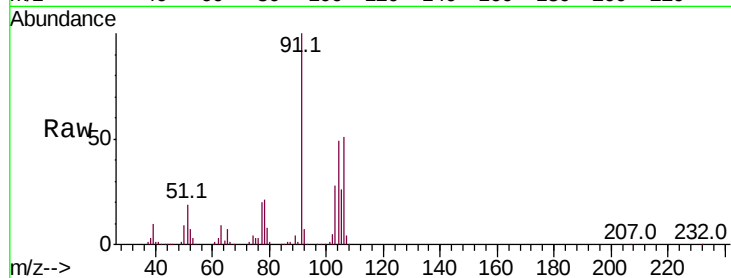




#69
o-Xylene
Concen: 18.470 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY000150.D
Acq: 26 Sep 2019 14:11

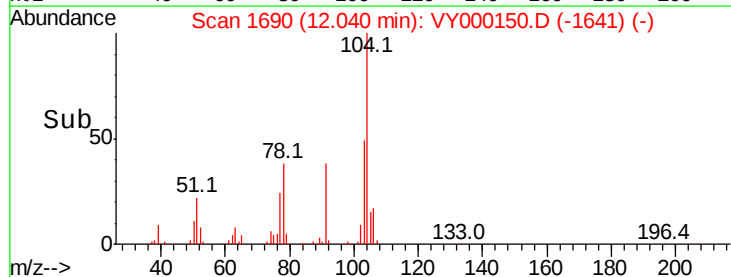
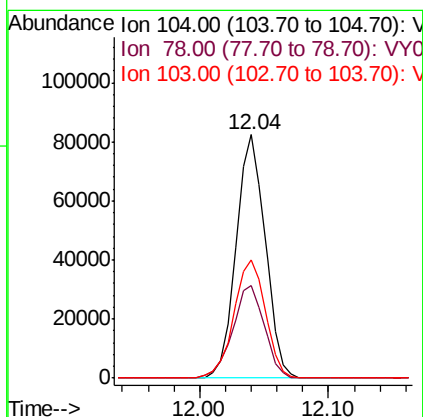
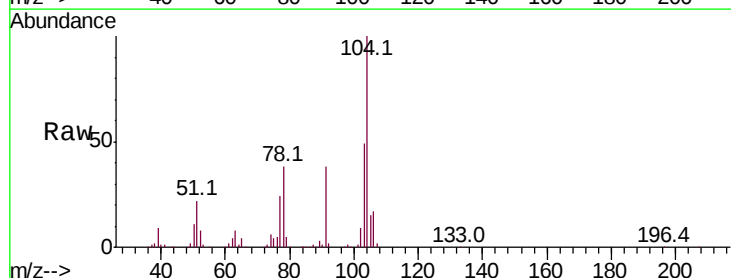
Instrument :
MSVOA_Y
ClientSampleId :

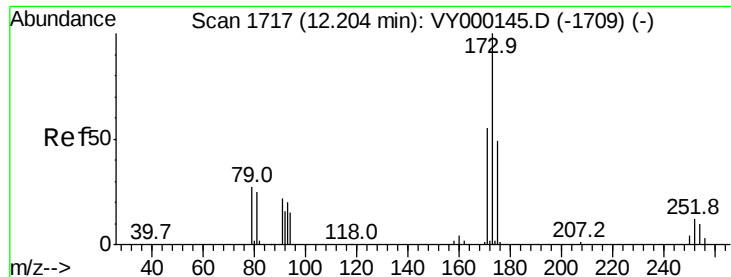
Tot Ion:106 Resp: 74143
Ion Ratio Lower Upper
106 100
91 201.2 98.0 293.9



#70
Styrene
Concen: 18.996 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VY000150.D
Acq: 26 Sep 2019 14:11

Tgt Ion:104 Resp: 129055
Ion Ratio Lower Upper
104 100
78 41.3 34.7 52.1
103 52.5 41.6 62.4





#71

Bromoform

Concen: 19.074 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VY000150.D

Acq: 26 Sep 2019 14:11

Instrument :

MSVOA_Y

ClientSampleId :

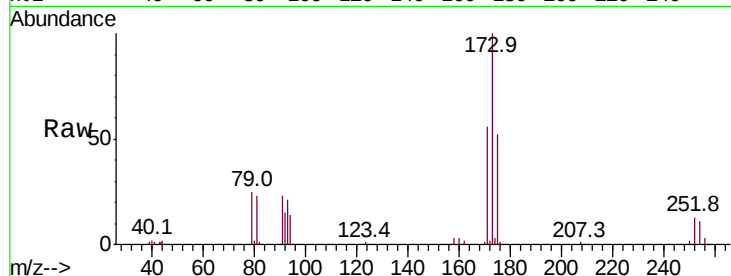
Tot Ion:173 Resp: 23069

Ion Ratio Lower Upper

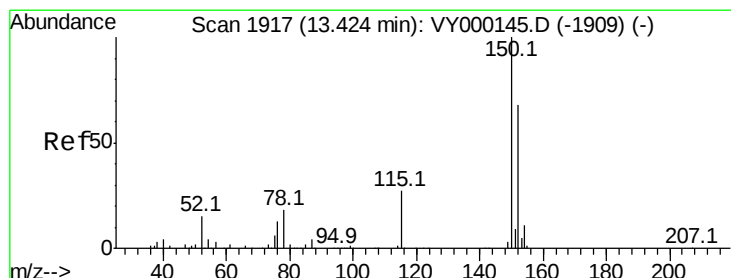
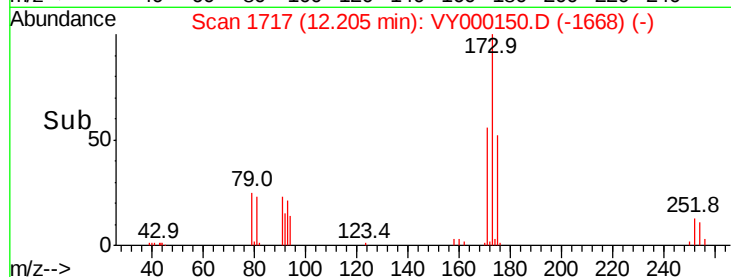
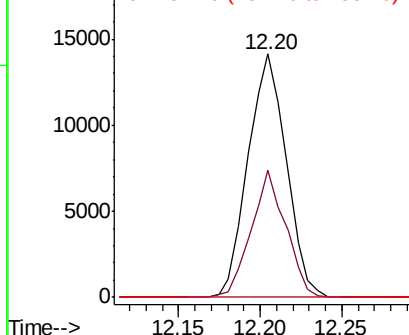
173 100

175 47.2 23.5 70.6

254 0.0 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. 0.00 min

Lab File: VY000150.D

Acq: 26 Sep 2019 14:11

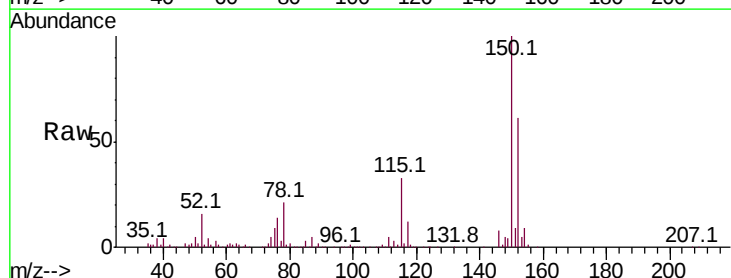
Tgt Ion:152 Resp: 140896

Ion Ratio Lower Upper

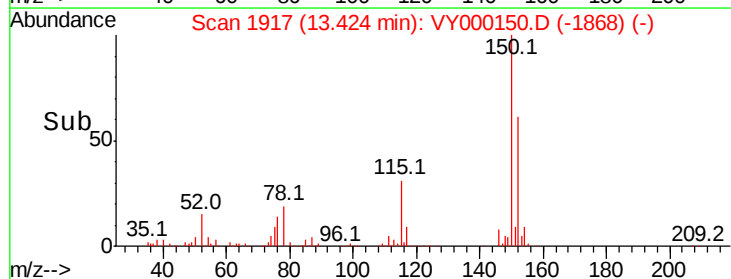
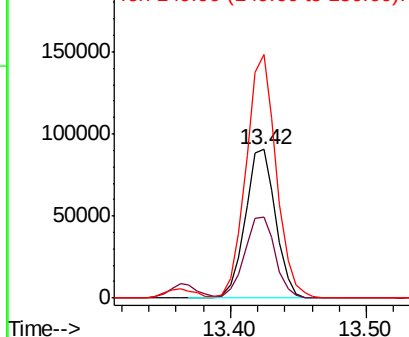
152 100

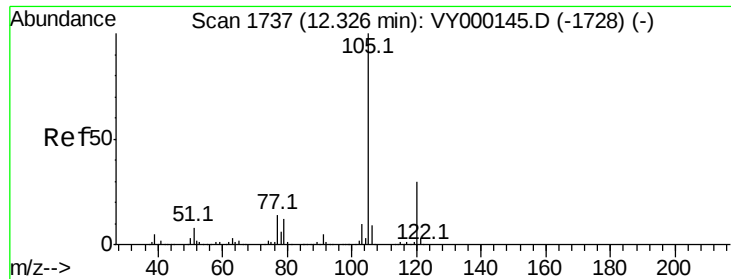
115 55.2 26.8 80.4

150 163.1 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: 19.189 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VY000150.D

Acq: 26 Sep 2019 14:11

Instrument :

MSVOA_Y

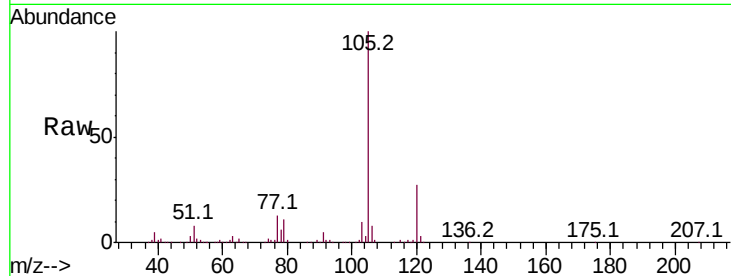
ClientSampled :

Tot Ion:105 Resp: 195067

Ion Ratio Lower Upper

105 100

120 27.9 14.7 44.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.33

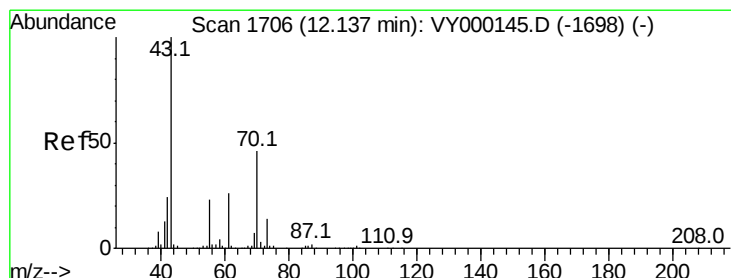
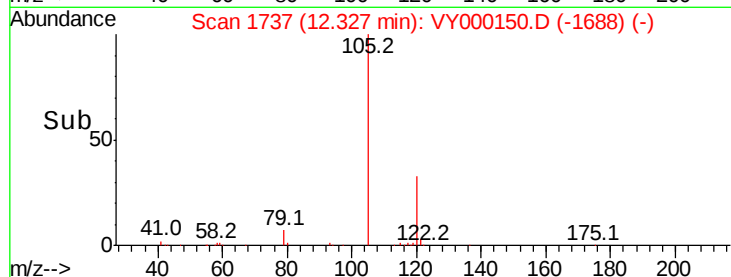
150000

100000

50000

0

Time-->



#74

N-ethyl acetate

Concen: 18.393 ug/l

RT: 12.14 min Scan# 1706

Delta R.T. 0.00 min

Lab File: VY000150.D

Acq: 26 Sep 2019 14:11

Tgt Ion: 43 Resp: 45259

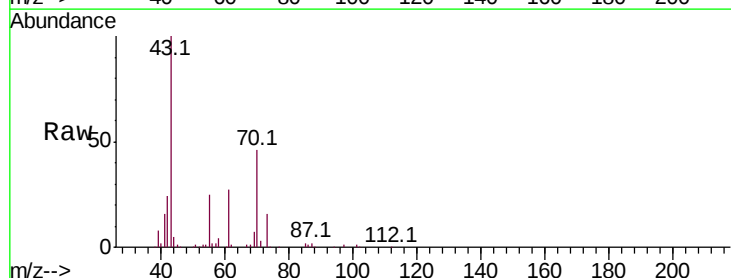
Ion Ratio Lower Upper

43 100

70 47.0 37.3 55.9

55 23.3 18.6 27.8

61 28.1 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

12.14

50000

40000

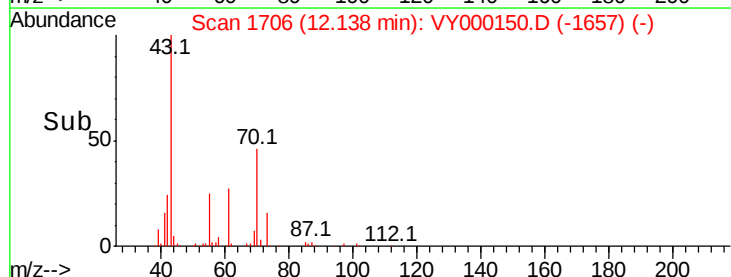
30000

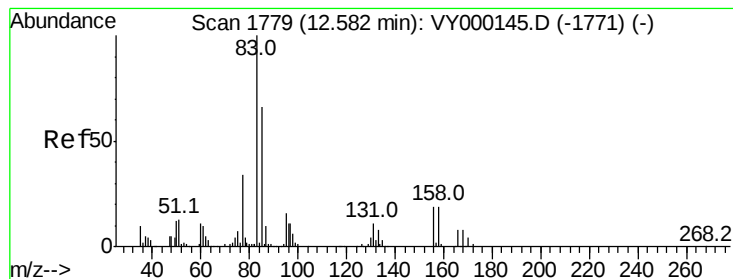
20000

10000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 19.790 ug/l

RT: 12.58 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VY000150.D

Acq: 26 Sep 2019 14:11

Instrument :

MSVOA_Y

ClientSampleId :

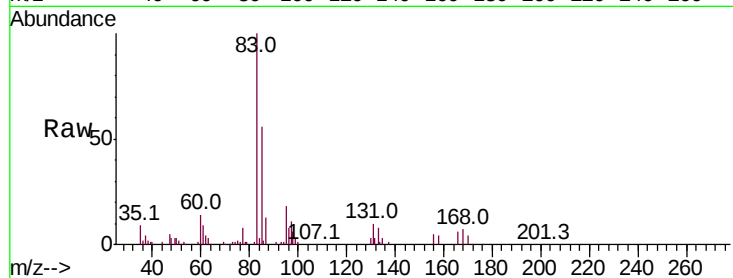
Tot Ion: 83 Resp: 31315

Ion Ratio Lower Upper

83 100

131 10.7 5.4 16.2

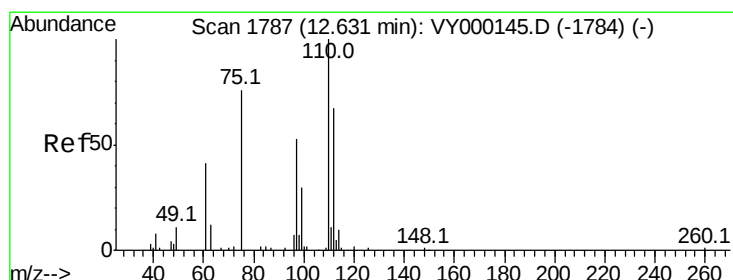
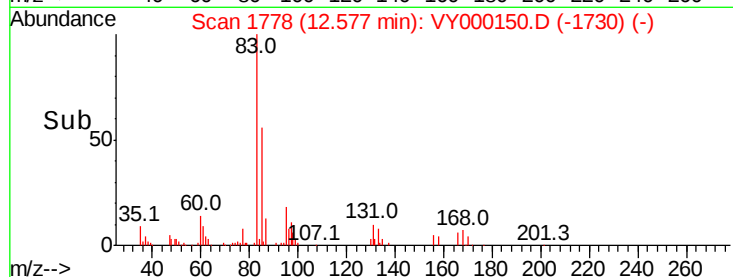
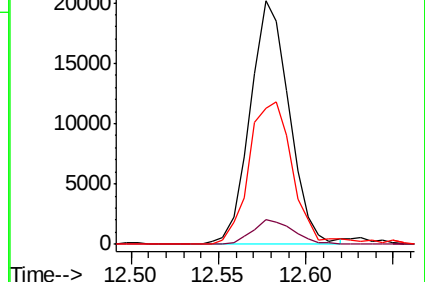
85 65.4 32.5 97.5



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: 34.348 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. 0.00 min

Lab File: VY000150.D

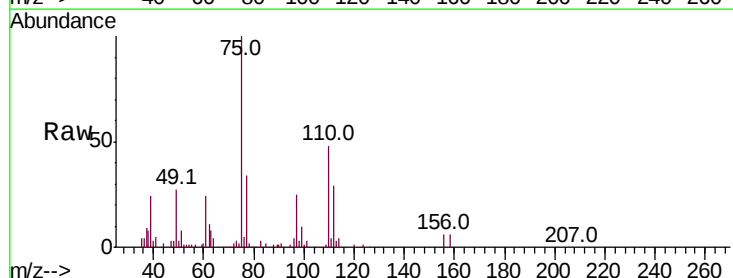
Acq: 26 Sep 2019 14:11

Tgt Ion: 75 Resp: 48706

Ion Ratio Lower Upper

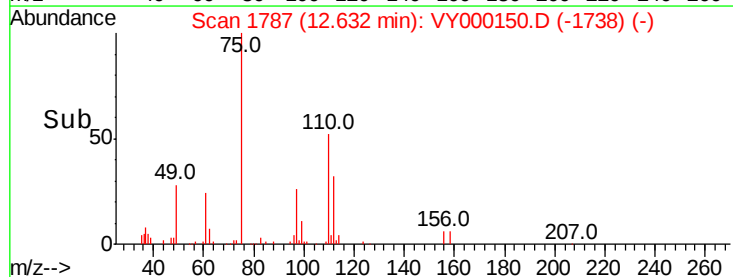
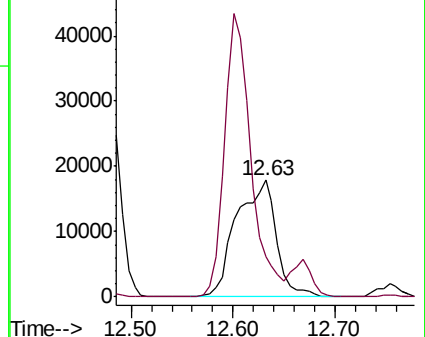
75 100

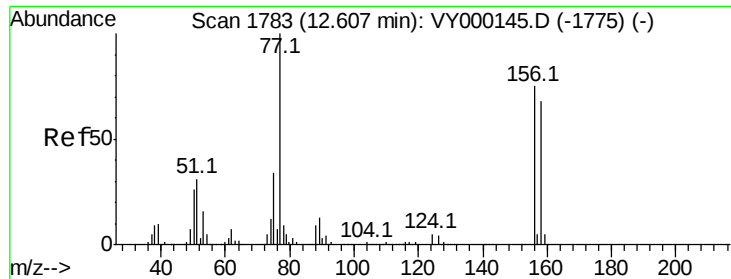
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0





#77

Bromobenzene

Concen: 18.831 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY000150.D

Acq: 26 Sep 2019 14:11

Instrument :

MSVOA_Y

ClientSampleId :

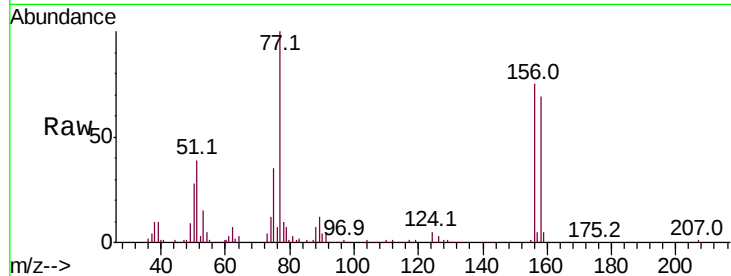
Tot Ion:156 Resp: 47291

Ion Ratio Lower Upper

156 100

77 165.8 83.0 249.2

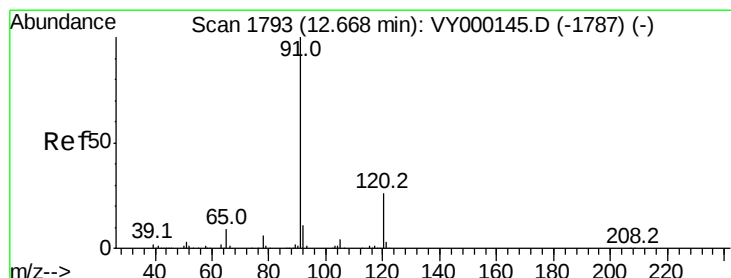
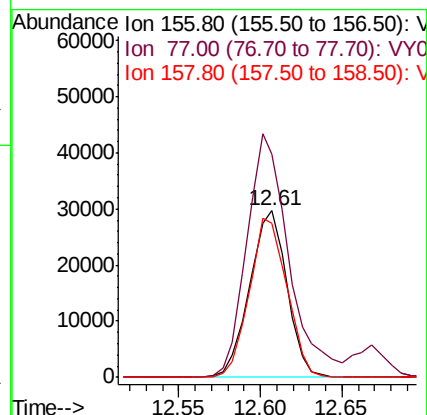
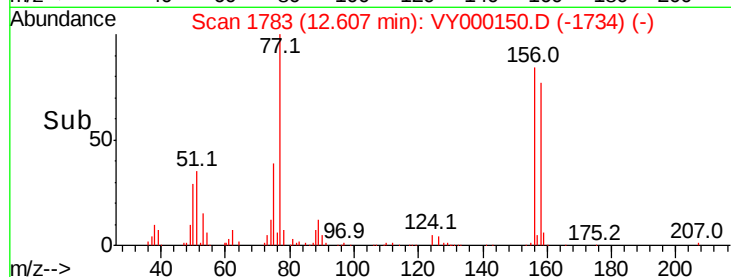
158 96.0 47.4 142.2



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



#78

n-propylbenzene

Concen: 18.788 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VY000150.D

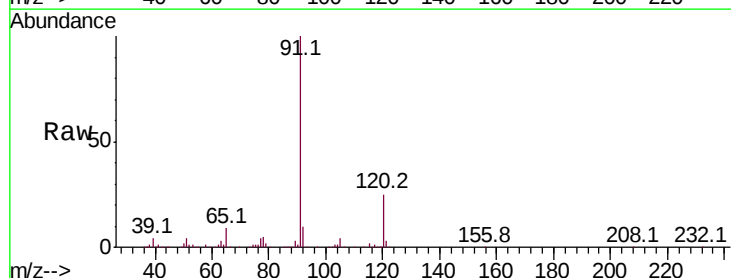
Acq: 26 Sep 2019 14:11

Tgt Ion: 91 Resp: 227679

Ion Ratio Lower Upper

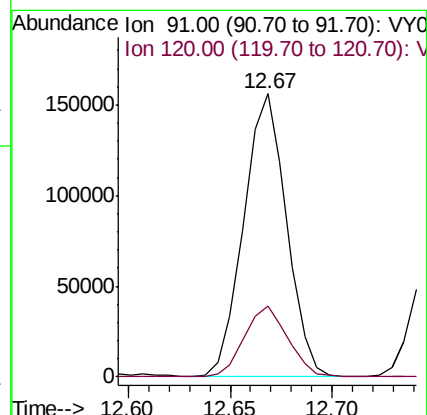
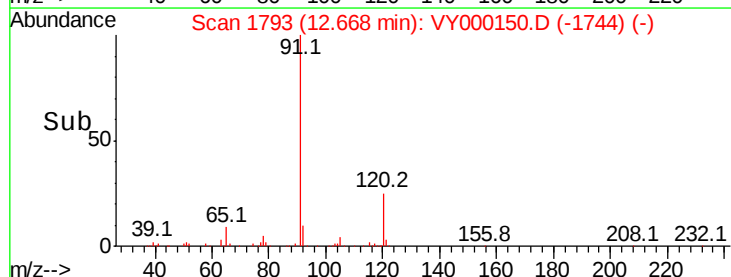
91 100

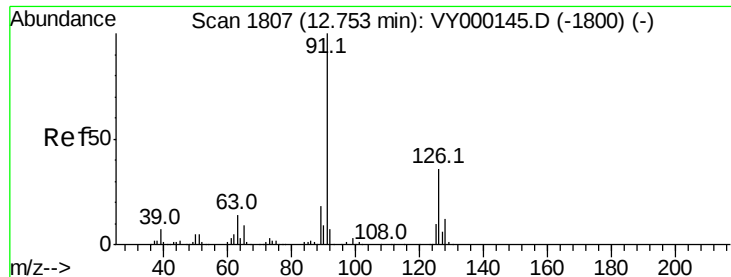
120 25.3 12.8 38.3



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.115 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VY000150.D

Acq: 26 Sep 2019 14:11

Instrument :

MSVOA_Y

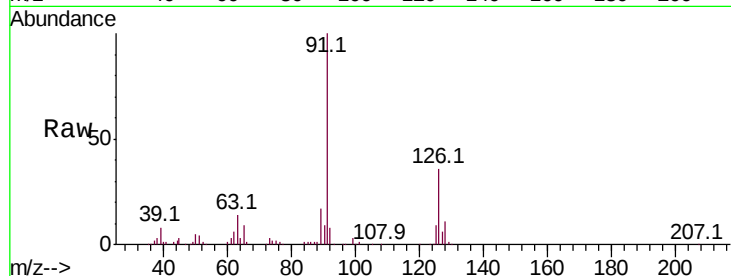
ClientSampleId :

Tot Ion: 91 Resp: 126034

Ion Ratio Lower Upper

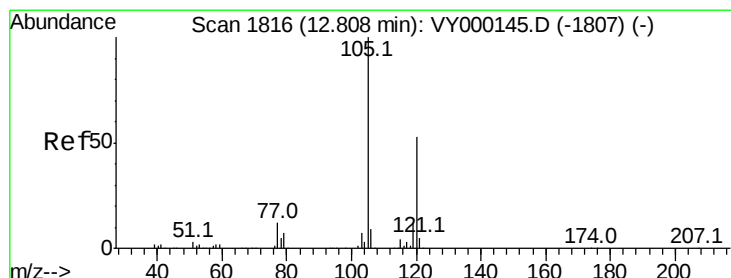
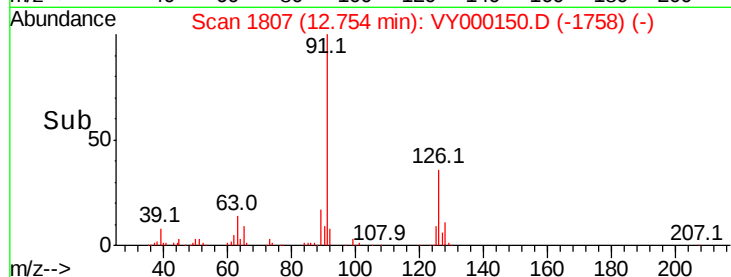
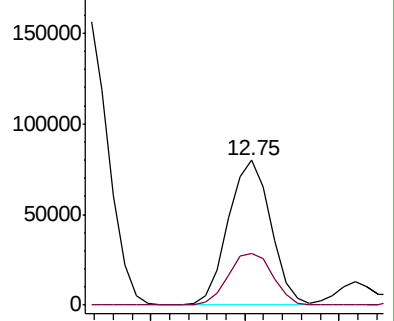
91 100

126 37.1 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: 18.874 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. 0.00 min

Lab File: VY000150.D

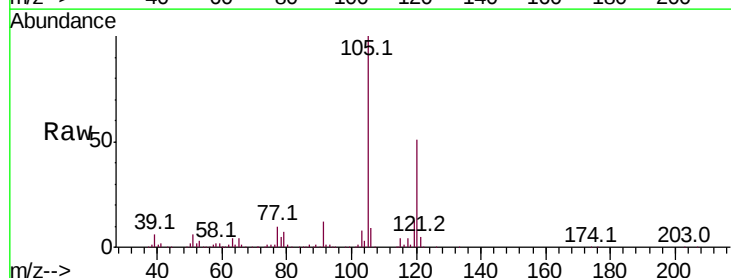
Acq: 26 Sep 2019 14:11

Tgt Ion:105 Resp: 159601

Ion Ratio Lower Upper

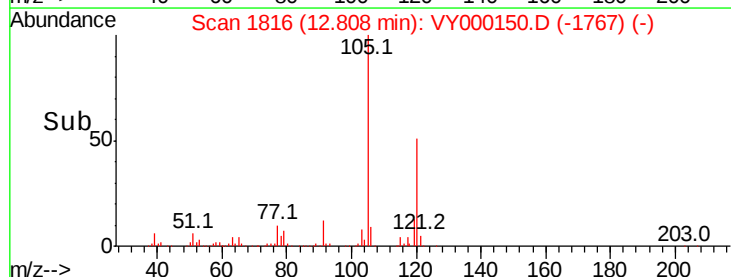
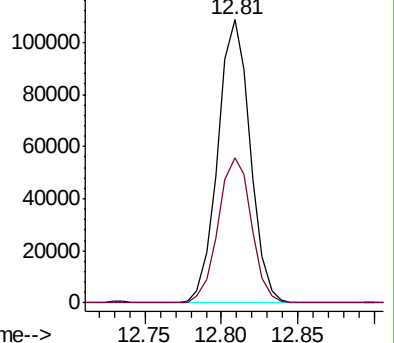
105 100

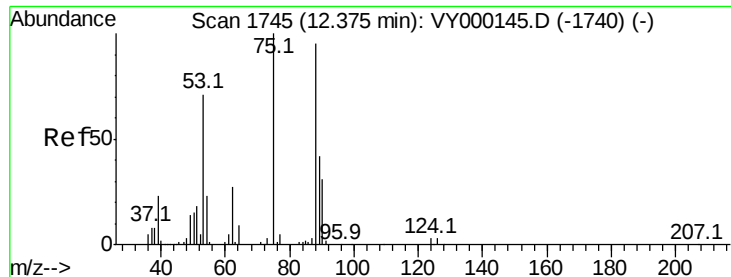
120 52.8 26.7 80.0



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: 19.300 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. 0.00 min

Lab File: VY000150.D

Acq: 26 Sep 2019 14:11

Instrument :

MSVOA_Y

ClientSampleId :

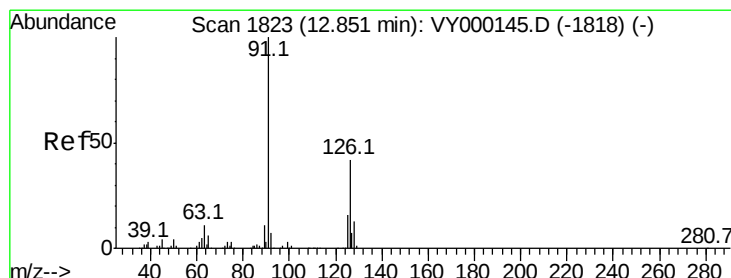
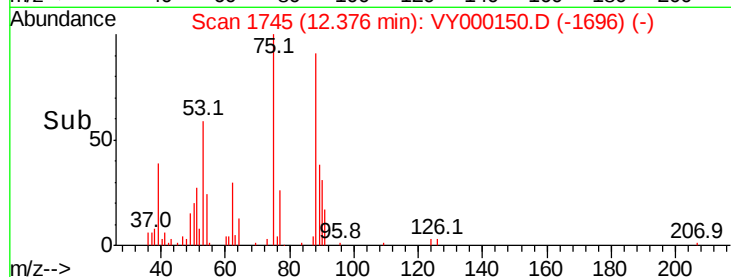
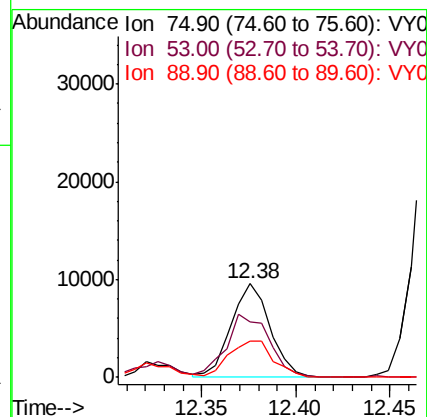
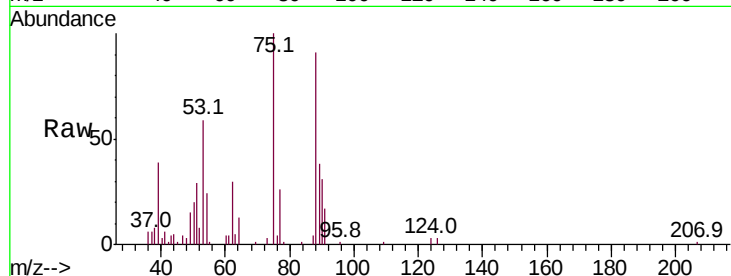
Tot Ion: 75 Resp: 13733

Ion Ratio Lower Upper

75 100

53 74.5 61.8 92.8

89 44.1 35.6 53.4



#82

4-Chlorotoluene

Concen: 19.258 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. 0.00 min

Lab File: VY000150.D

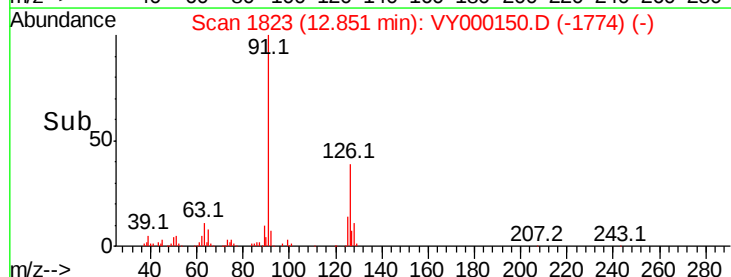
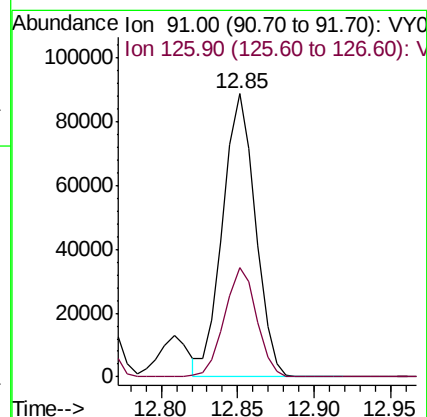
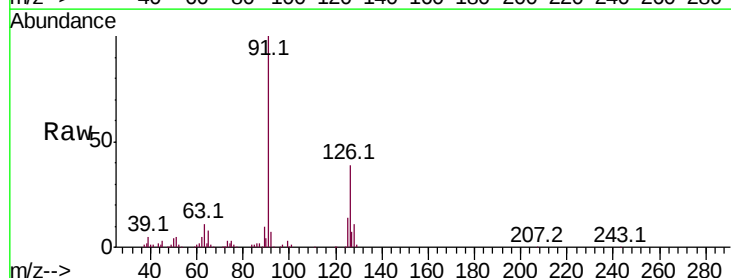
Acq: 26 Sep 2019 14:11

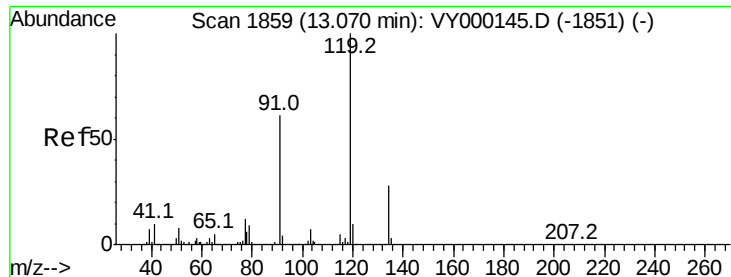
Tgt Ion: 91 Resp: 132301

Ion Ratio Lower Upper

91 100

126 37.8 19.4 58.2





#83

tert-Butylbenzene

Concen: 19.287 ug/l

RT: 13.07 min Scan# 1859

Delta R.T. 0.00 min

Lab File: VY000150.D

Acq: 26 Sep 2019 14:11

Instrument :

MSVOA_Y

ClientSampleId :

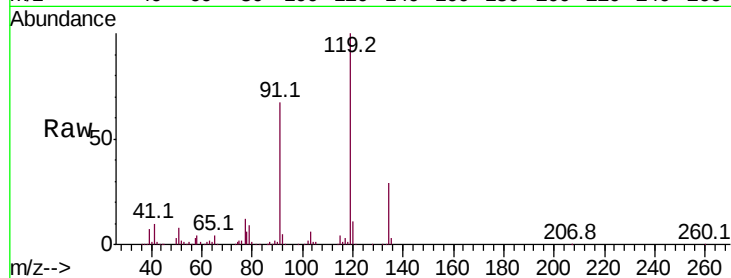
Tot Ion:119 Resp: 140448

Ion Ratio Lower Upper

119 100

91 61.4 31.0 93.0

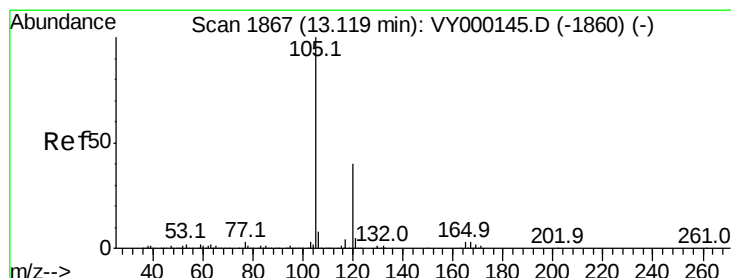
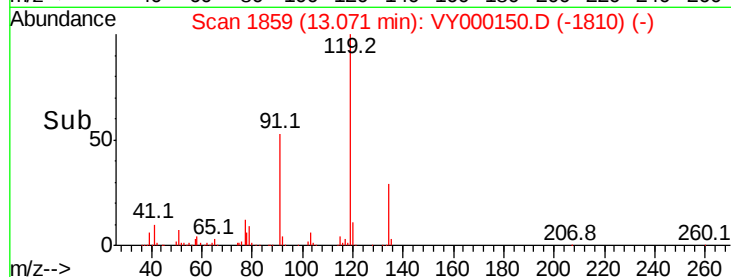
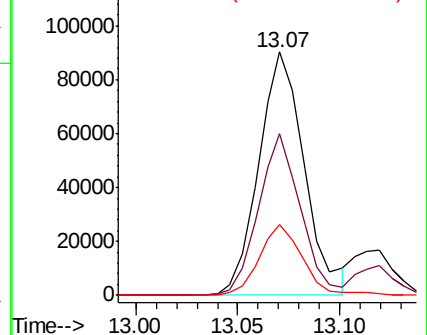
134 27.7 14.0 41.9



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: 19.140 ug/l

RT: 13.12 min Scan# 1867

Delta R.T. 0.00 min

Lab File: VY000150.D

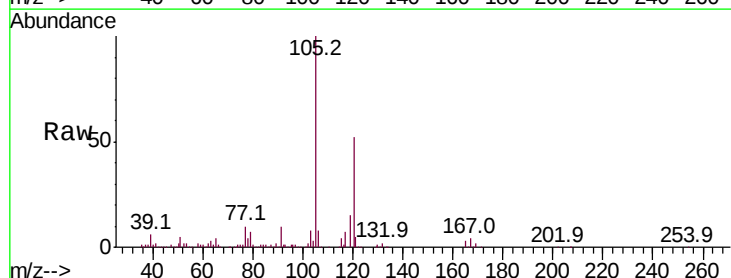
Acq: 26 Sep 2019 14:11

Tgt Ion:105 Resp: 163564

Ion Ratio Lower Upper

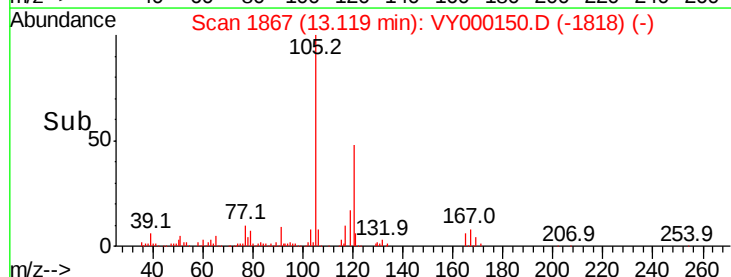
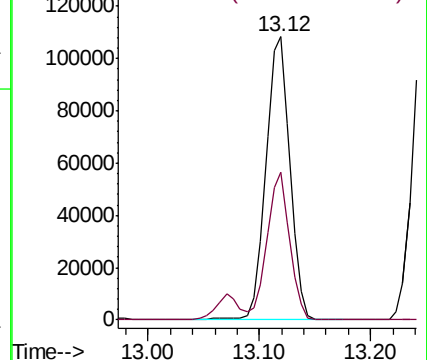
105 100

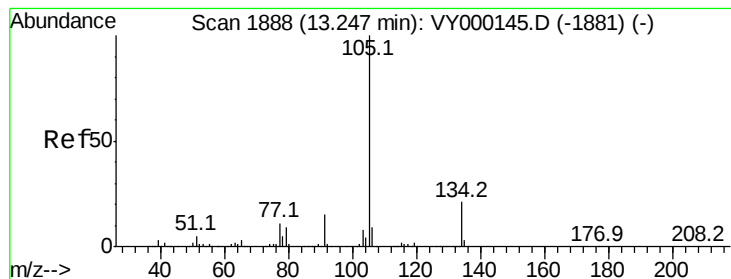
120 49.1 24.6 73.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 19.019 ug/l

RT: 13.25 min Scan# 1888

Delta R.T. 0.00 min

Lab File: VY000150.D

Acq: 26 Sep 2019 14:11

Instrument :

MSVOA_Y

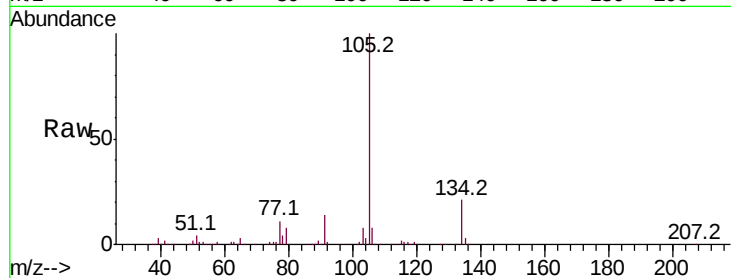
ClientSampled :

Tot Ion:105 Resp: 198850

Ion Ratio Lower Upper

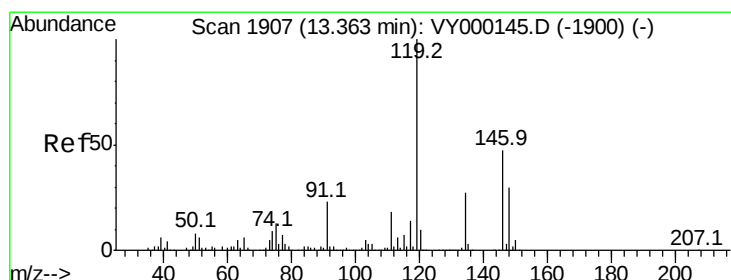
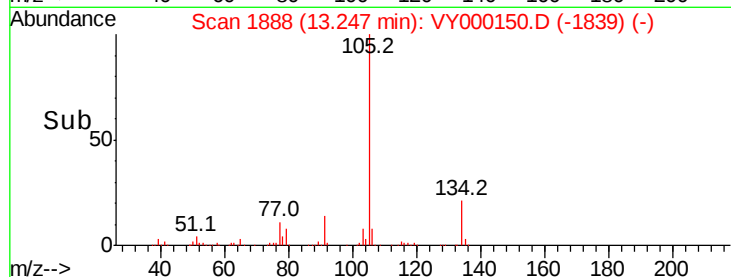
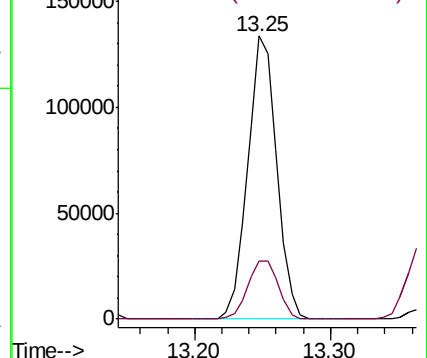
105 100

134 21.8 10.9 32.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.034 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. 0.00 min

Lab File: VY000150.D

Acq: 26 Sep 2019 14:11

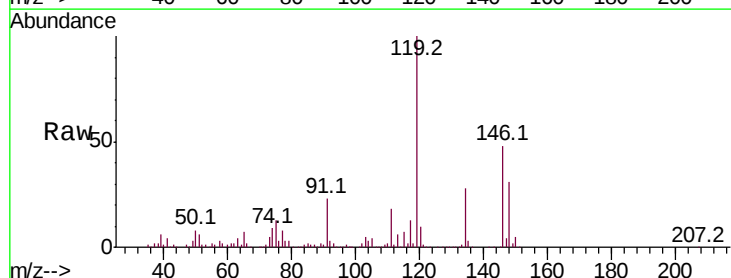
Tgt Ion:119 Resp: 177215

Ion Ratio Lower Upper

119 100

134 28.1 14.3 42.9

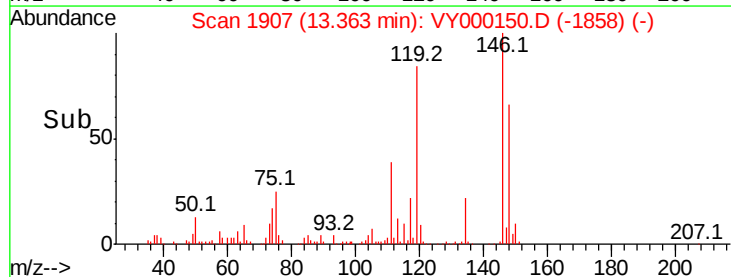
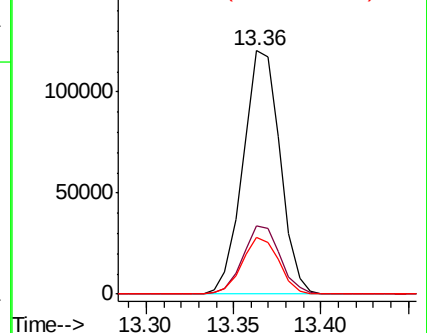
91 23.2 11.4 34.1

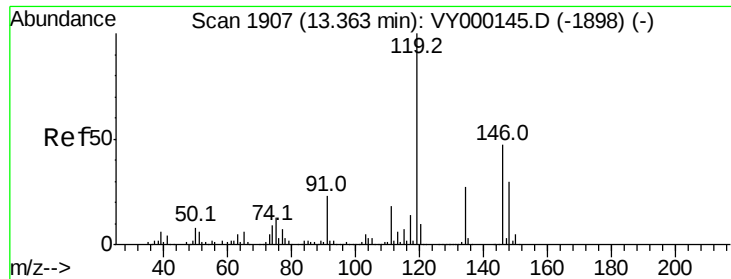


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

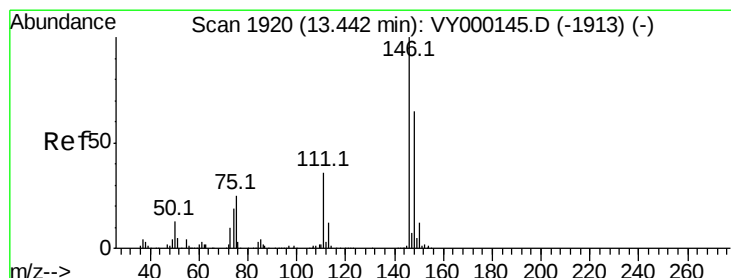
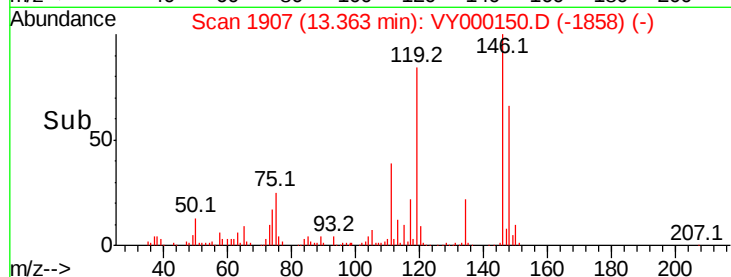
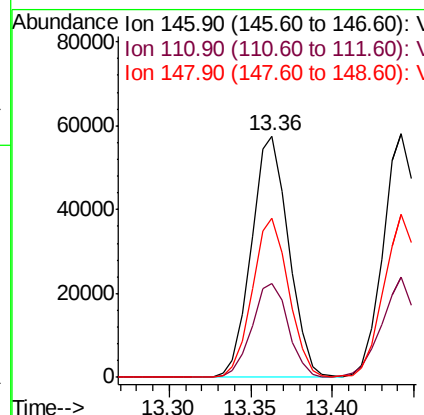
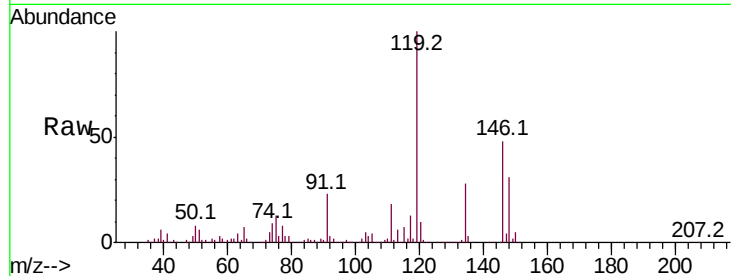




#87
 1,3-Dichlorobenzene
 Concen: 18.987 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VY000150.D
 Acq: 26 Sep 2019 14:11

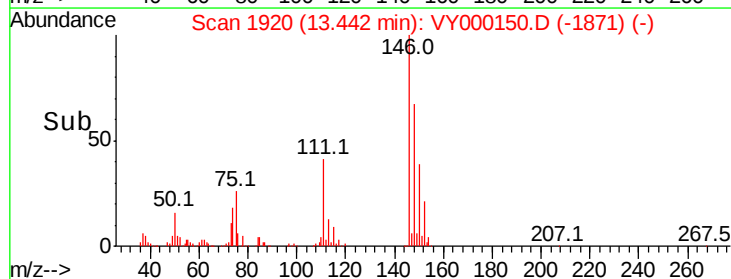
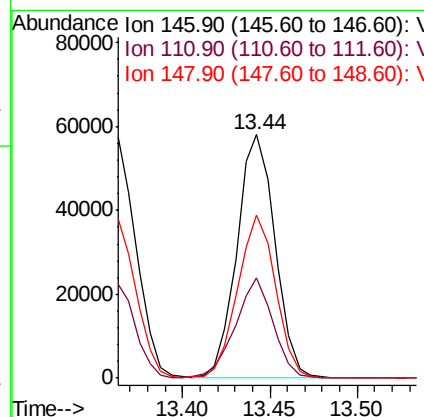
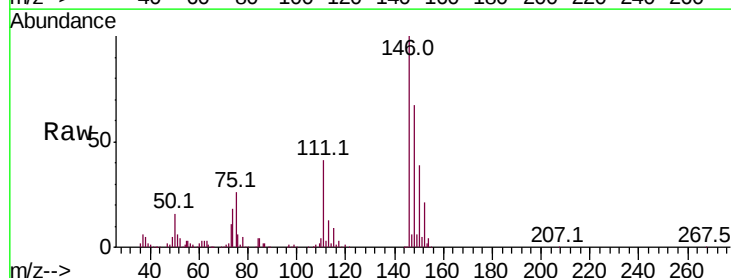
Instrument :
 MSVOA_Y
 ClientSampleId :

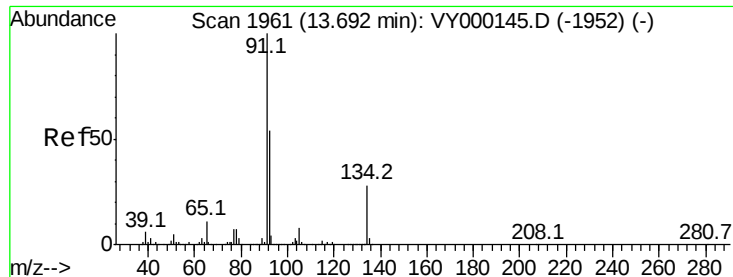
Tot Ion:146 Resp: 91360
 Ion Ratio Lower Upper
 146 100
 111 37.8 19.0 57.0
 148 64.4 31.6 94.8



#88
 1,4-Dichlorobenzene
 Concen: 18.331 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. 0.00 min
 Lab File: VY000150.D
 Acq: 26 Sep 2019 14:11

Tgt Ion:146 Resp: 87800
 Ion Ratio Lower Upper
 146 100
 111 40.6 18.3 54.9
 148 66.8 31.9 95.7





#89

n-Butylbenzene

Concen: 19.020 ug/l

RT: 13.69 min Scan# 1961

Delta R.T. 0.00 min

Lab File: VY000150.D

Acq: 26 Sep 2019 14:11

Instrument :

MSVOA_Y

ClientSampleId :

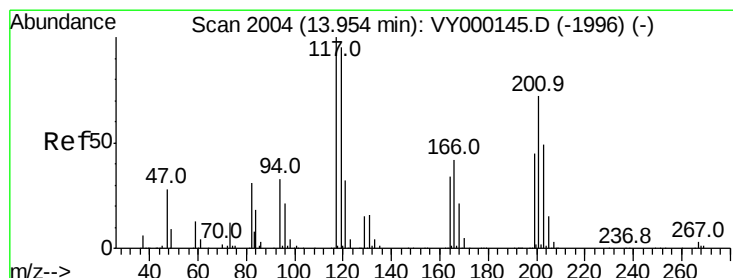
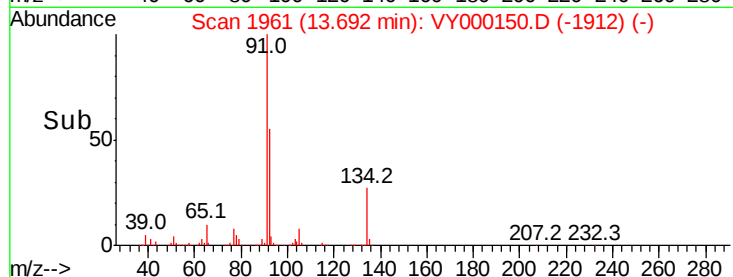
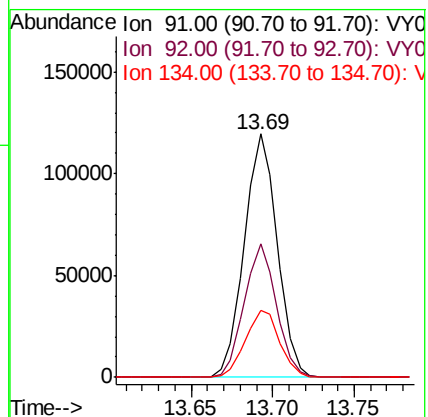
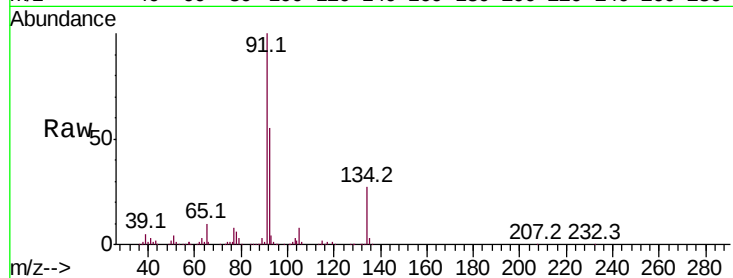
Tot Ion: 91 Resp: 168290

Ion Ratio Lower Upper

91 100

92 53.7 26.8 80.4

134 28.5 14.4 43.2



#90

Hexachloroethane

Concen: 19.250 ug/l

RT: 13.95 min Scan# 2004

Delta R.T. 0.00 min

Lab File: VY000150.D

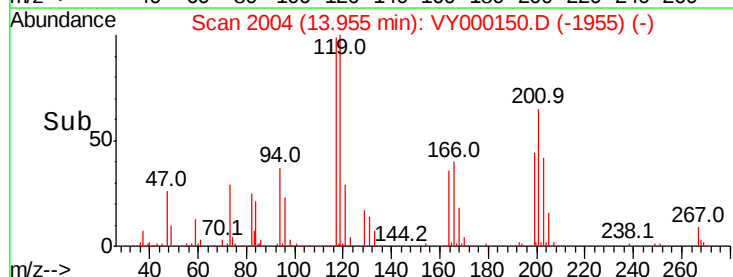
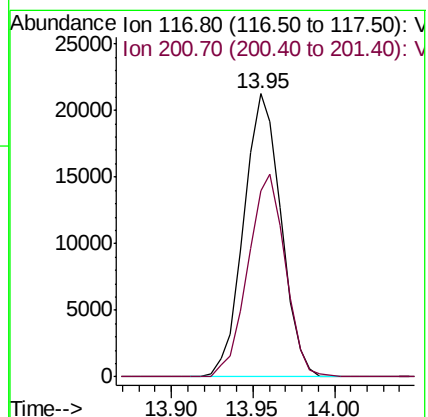
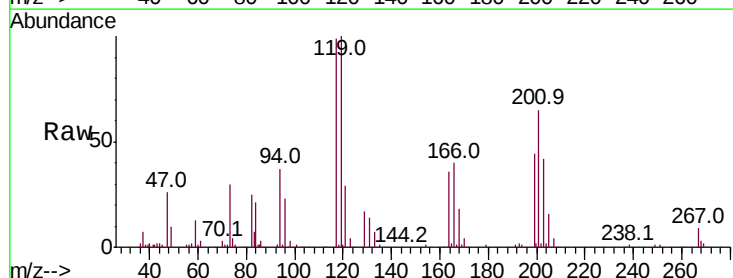
Acq: 26 Sep 2019 14:11

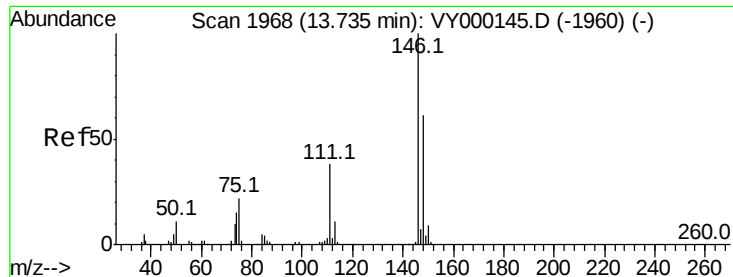
Tgt Ion: 117 Resp: 33860

Ion Ratio Lower Upper

117 100

201 71.9 38.6 115.8





#91

1,2-Dichlorobenzene

Concen: 19.005 ug/l

RT: 13.74 min Scan# 1968

Delta R.T. 0.00 min

Lab File: VY000150.D

Acq: 26 Sep 2019 14:11

Instrument :

MSVOA_Y

ClientSampleId :

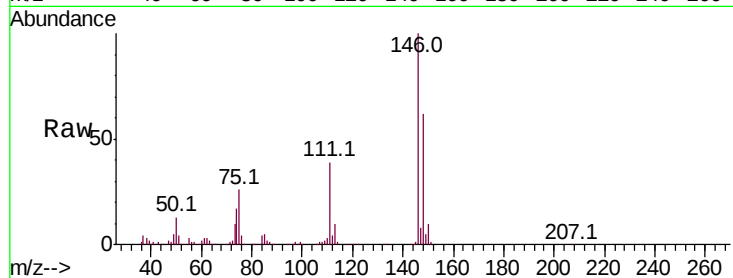
Tot Ion:146 Resp: 83552

Ion Ratio Lower Upper

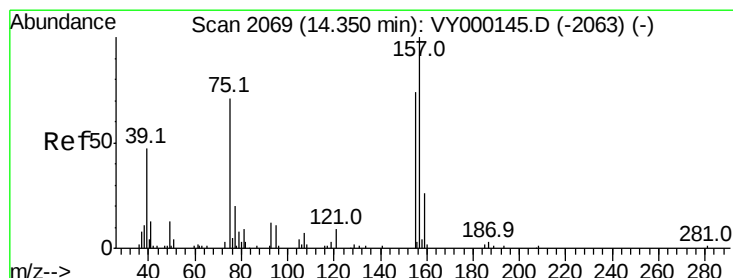
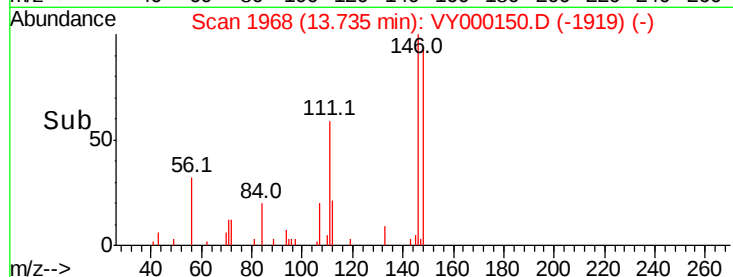
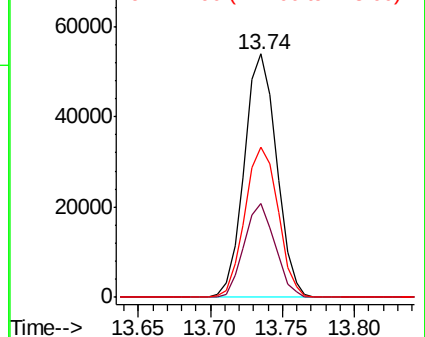
146 100

111 37.1 19.2 57.6

148 63.6 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: 18.494 ug/l

RT: 14.35 min Scan# 2069

Delta R.T. 0.00 min

Lab File: VY000150.D

Acq: 26 Sep 2019 14:11

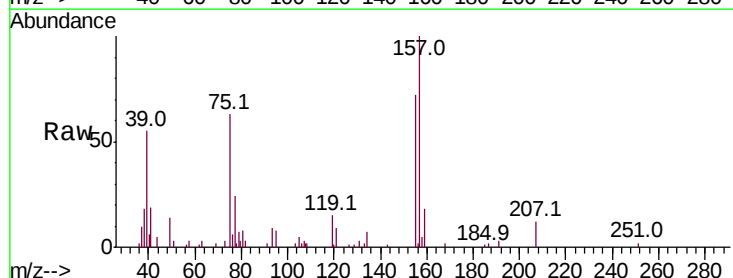
Tgt Ion: 75 Resp: 5774

Ion Ratio Lower Upper

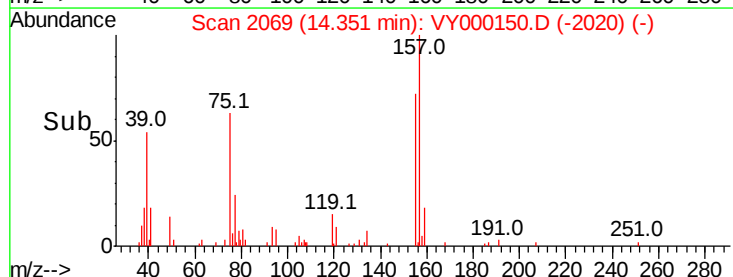
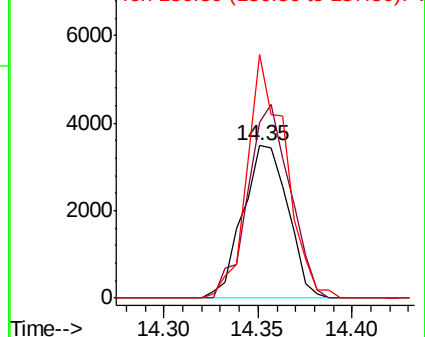
75 100

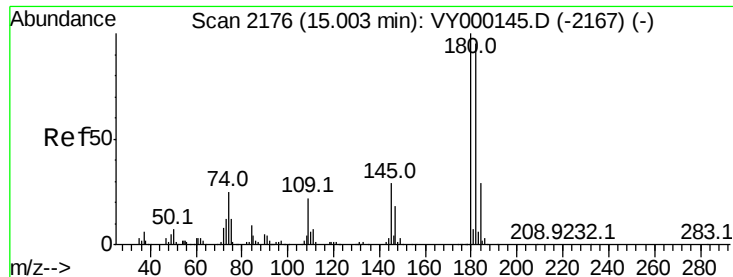
155 119.5 51.3 153.9

157 136.2 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

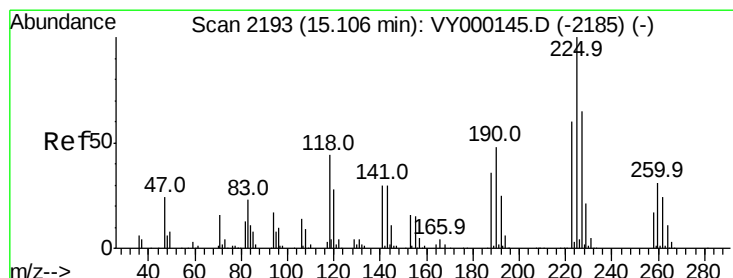
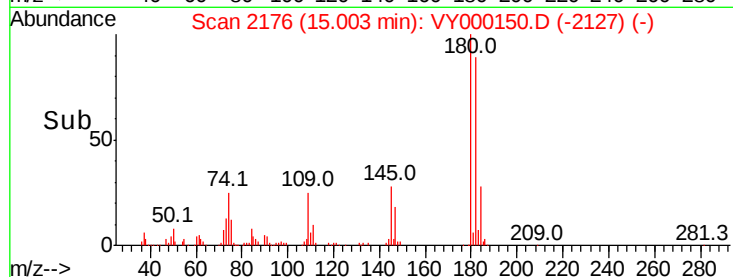
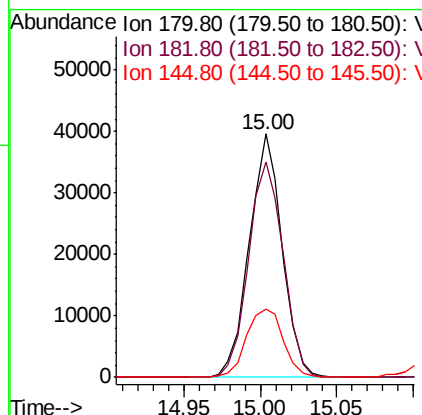
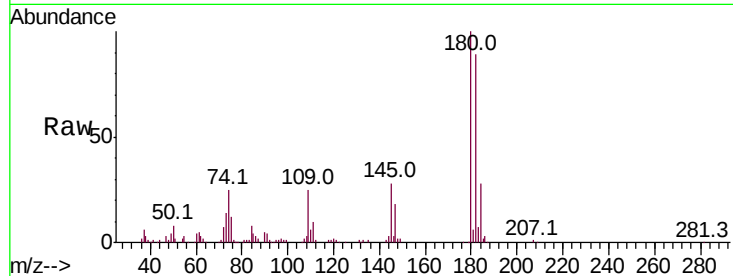




#93
 1,2,4-Trichlorobenzene
 Concen: 19.346 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VY000150.D
 Acq: 26 Sep 2019 14:11

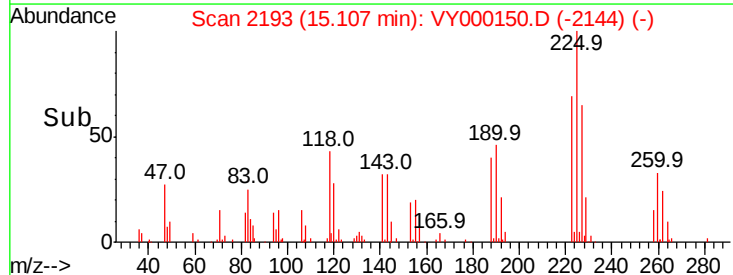
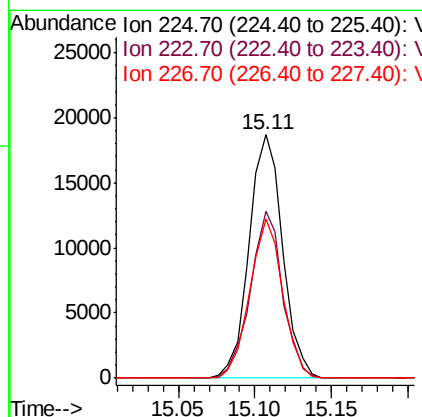
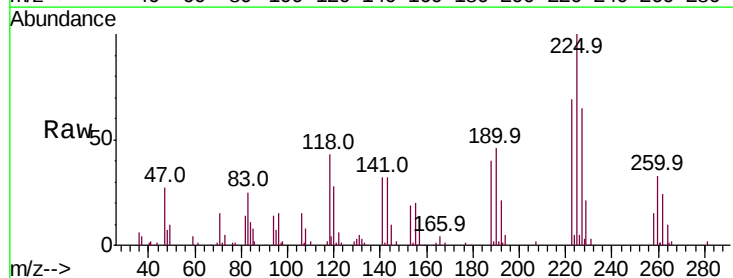
Instrument :
 MSVOA_Y
 ClientSampled :

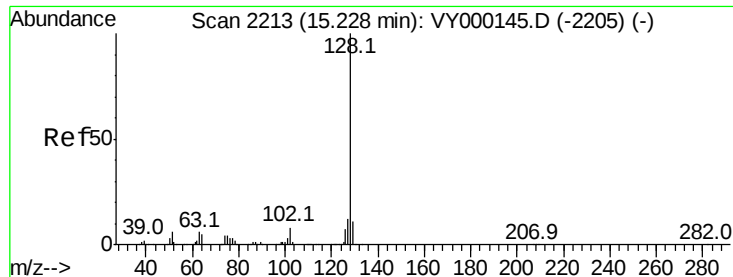
Tot Ion	Ratio	Lower	Upper
180	100		
182	93.1	47.0	141.2
145	31.3	14.6	44.0



#94
 Hexachlorobutadiene
 Concen: 19.125 ug/l
 RT: 15.11 min Scan# 2193
 Delta R.T. 0.00 min
 Lab File: VY000150.D
 Acq: 26 Sep 2019 14:11

Tgt Ion	Ratio	Lower	Upper
225	100		
223	66.0	31.5	94.5
227	63.9	32.4	97.0

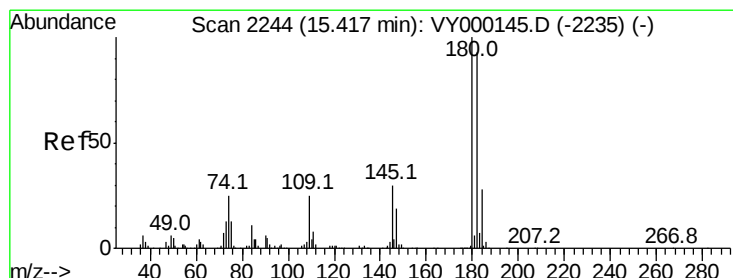
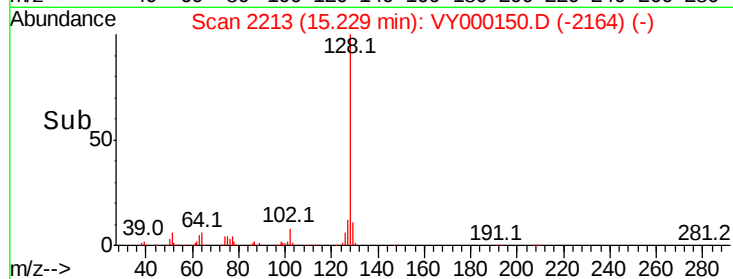
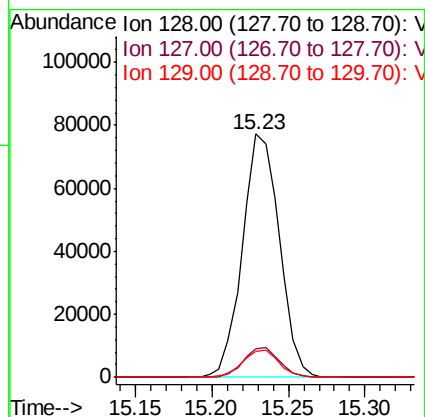
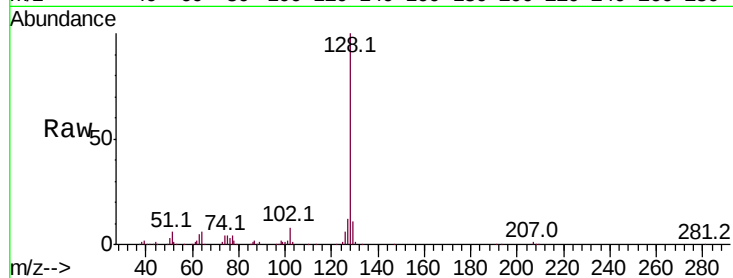




#95
Naphthalene
Concen: 18.995 ug/l
RT: 15.23 min Scan# 2213
Delta R.T. 0.00 min
Lab File: VY000150.D
Acq: 26 Sep 2019 14:11

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:128 Resp: 129741
Ion Ratio Lower Upper
128 100
127 11.9 9.5 14.3
129 11.0 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 18.961 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. 0.01 min
Lab File: VY000150.D
Acq: 26 Sep 2019 14:11

Tgt Ion:180 Resp: 51871
Ion Ratio Lower Upper
180 100
182 93.7 46.6 139.7
145 32.1 15.4 46.4

