

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY102819\
 Data File : VY000447.D
 Acq On : 28 Oct 2019 11:48
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 29 10:41:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y101119S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 17 02:03:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	212432	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	339444	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	314984	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	157745	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.15	65	113348	50.58	ug/l	0.00
Spiked Amount			Recovery	=	101.16%	
35) Dibromofluoromethane	7.73	113	104094	50.84	ug/l	0.00
Spiked Amount			Recovery	=	101.68%	
50) Toluene-d8	10.18	98	407402	51.72	ug/l	0.00
Spiked Amount			Recovery	=	103.44%	
62) 4-Bromofluorobenzene	12.48	95	151340	50.58	ug/l	0.00
Spiked Amount			Recovery	=	101.16%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.90	85	65423	37.939	ug/l	95
3) Chloromethane	2.12	50	148615	57.251	ug/l	97
4) Vinyl Chloride	2.26	62	111763	42.661	ug/l	100
5) Bromomethane	2.65	94	138052	71.103	ug/l	95
6) Chloroethane	2.80	64	75455	44.639	ug/l	97
7) Trichlorofluoromethane	3.13	101	167105	46.631	ug/l	100
8) Diethyl Ether	3.53	74	64956	51.309	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.90	101	107265	49.356	ug/l	97
10) Methyl Iodide	4.09	142	160594	51.835	ug/l	98
11) Tert butyl alcohol	4.96	59	75108	320.284	ug/l	95
12) 1,1-Dichloroethene	3.87	96	98557	45.936	ug/l	96
13) Acrolein	3.73	56	48083	174.891	ug/l	97
14) Allyl chloride	4.48	41	173488	48.794	ug/l	99
15) Acrylonitrile	5.17	53	189244	267.073	ug/l	99
16) Acetone	3.96	43	212332	292.600	ug/l	96
17) Carbon Disulfide	4.19	76	268173	39.699	ug/l	99
18) Methyl Acetate	4.49	43	90915	50.424	ug/l	97
19) Methyl tert-butyl Ether	5.22	73	315214	52.776	ug/l	99
20) Methylene Chloride	4.72	84	117272	47.715	ug/l	97
21) trans-1,2-Dichloroethene	5.22	96	118027	47.948	ug/l	97
22) Diisopropyl ether	6.13	45	402370	53.507	ug/l	96
23) Vinyl Acetate	6.07	43	1309865	266.997	ug/l	100
24) 1,1-Dichloroethane	6.02	63	209363	51.006	ug/l	98
25) 2-Butanone	6.99	43	290662	284.337	ug/l	98
26) 2,2-Dichloropropane	6.99	77	187610	49.602	ug/l	98
27) cis-1,2-Dichloroethene	6.99	96	134612	50.538	ug/l	97
28) Bromochloromethane	7.34	49	91359	51.847	ug/l	97
29) Tetrahydrofuran	7.36	42	165605	267.312	ug/l	98
30) Chloroform	7.52	83	216121	52.283	ug/l	98
31) Cyclohexane	7.79	56	196307	45.790	ug/l	99
32) 1,1,1-Trichloroethane	7.71	97	190010	51.703	ug/l	# 91
36) 1,1-Dichloropropene	7.93	75	164567	49.518	ug/l	98
37) Ethyl Acetate	7.08	43	108147	54.957	ug/l	97
38) Carbon Tetrachloride	7.91	117	166850	51.852	ug/l	92

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

39) Methylcyclohexane	9.19	83	212564	48.869	ug/l	97
40) Benzene	8.17	78	491226	51.147	ug/l	100
41) Methacrylonitrile	7.35	41	147344	157.302	ug/l #	1
42) 1,2-Dichloroethane	8.24	62	143157	52.182	ug/l	99
43) Isopropyl Acetate	8.28	43	209228	55.918	ug/l	100
44) Trichloroethene	8.94	130	130531	48.438	ug/l	99
45) 1,2-Dichloropropane	9.22	63	129368	54.889	ug/l	99
46) Dibromomethane	9.31	93	70379	53.417	ug/l	96
47) Bromodichloromethane	9.50	83	167235	53.859	ug/l #	97
48) Methyl methacrylate	9.30	41	89562	54.618	ug/l	99
49) 1,4-Dioxane	9.30	88	20783	1052.037	ug/l	91
51) 4-Methyl-2-Pentanone	10.08	43	563487	291.984	ug/l	99
52) Toluene	10.25	92	317982	52.148	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	187651	56.390	ug/l	97
54) cis-1,3-Dichloropropene	9.93	75	206439	54.627	ug/l	97
55) 1,1,2-Trichloroethane	10.65	97	103875	54.224	ug/l	99
56) Ethyl methacrylate	10.51	69	153295	56.141	ug/l	97
57) 1,3-Dichloropropane	10.79	76	180780	54.949	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	331691	304.550	ug/l	98
59) 2-Hexanone	10.83	43	443437	327.358	ug/l	100
60) Dibromochloromethane	10.99	129	120219	56.619	ug/l	97
61) 1,2-Dibromoethane	11.09	107	100392	54.580	ug/l	99
64) Tetrachloroethene	10.72	164	126931	42.329	ug/l	95
65) Chlorobenzene	11.52	112	340190	51.175	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.59	131	119496	51.173	ug/l	97
67) Ethyl Benzene	11.60	91	627908	50.954	ug/l	99
68) m/p-Xylenes	11.70	106	483657	102.667	ug/l	100
69) o-Xylene	12.03	106	231392	51.488	ug/l	99
70) Styrene	12.05	104	400335	52.820	ug/l	99
71) Bromoform	12.21	173	76144	56.723	ug/l #	100
73) Isopropylbenzene	12.33	105	628035	51.060	ug/l	99
74) N-amyl acetate	12.14	43	196690	65.138	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	136388	59.058	ug/l	96
76) 1,2,3-Trichloropropane	12.64	75	181422	93.530	ug/l #	100
77) Bromobenzene	12.61	156	141712	51.776	ug/l	96
78) n-propylbenzene	12.67	91	762046	51.601	ug/l	100
79) 2-Chlorotoluene	12.75	91	421061	51.627	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	531277	51.511	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	47446	53.518	ug/l	99
82) 4-Chlorotoluene	12.86	91	443641	51.460	ug/l	100
83) tert-Butylbenzene	13.08	119	455837	52.190	ug/l	98
84) 1,2,4-Trimethylbenzene	13.12	105	529289	51.997	ug/l	100
85) sec-Butylbenzene	13.25	105	655574	51.885	ug/l	99
86) p-Isopropyltoluene	13.37	119	582955	52.922	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	279668	51.861	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	280807	52.097	ug/l	99
89) n-Butylbenzene	13.70	91	573631	52.697	ug/l	99
90) Hexachloroethane	13.96	117	112922	55.361	ug/l	95
91) 1,2-Dichlorobenzene	13.74	146	260156	53.308	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	22814	52.088	ug/l	97

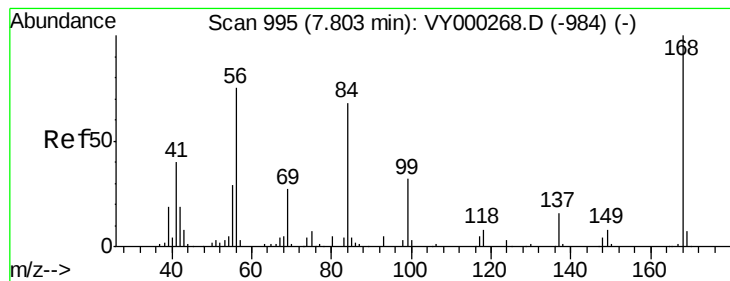
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	178550	52.548	ug/l	99
94) Hexachlorobutadiene	15.11	225	89673	48.767	ug/l	98
95) Naphthalene	15.23	128	411848	54.314	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	159116	51.960	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.01 min

Lab File: VY000447.D

Acq: 28 Oct 2019 11:48

Instrument :

MSVOA_Y

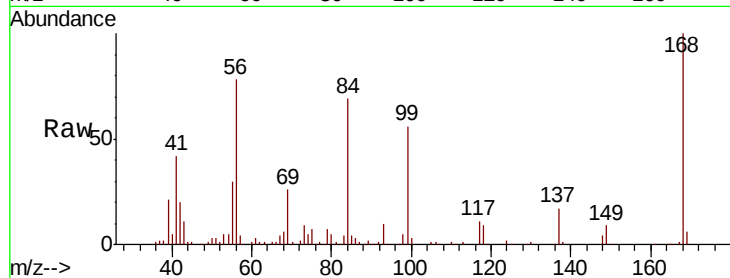
ClientSampleId :

Tot Ion:168 Resp: 212432

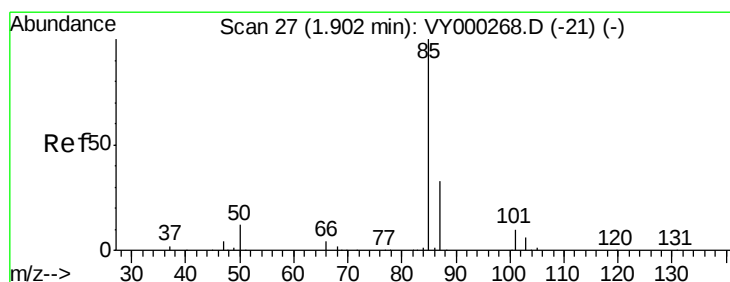
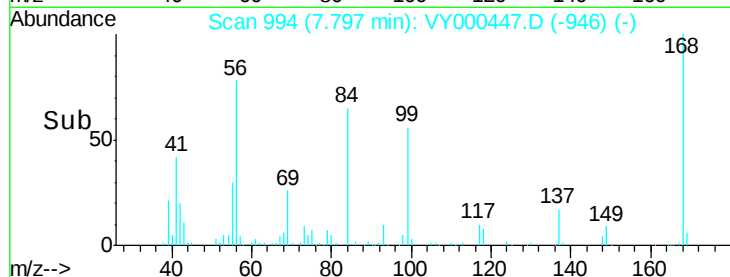
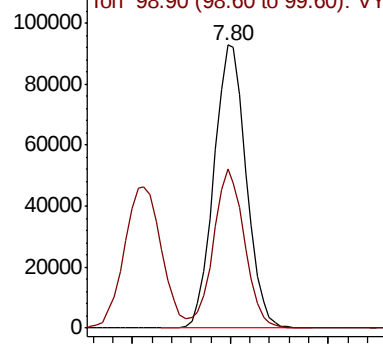
Ion Ratio Lower Upper

168 100

99 56.2 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): VY000268.D (-984) (-)



#2

Dichlorodifluoromethane

Concen: 37.939 ug/l

RT: 1.90 min Scan# 27

Delta R.T. 0.00 min

Lab File: VY000447.D

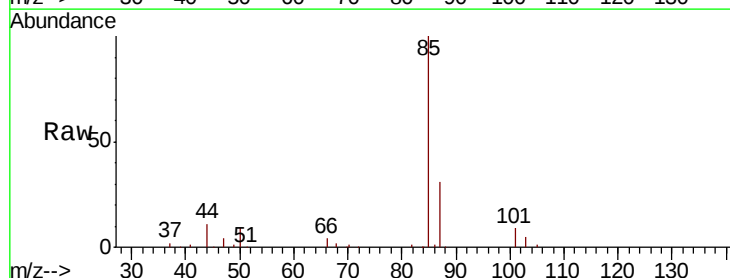
Acq: 28 Oct 2019 11:48

Tgt Ion: 85 Resp: 65423

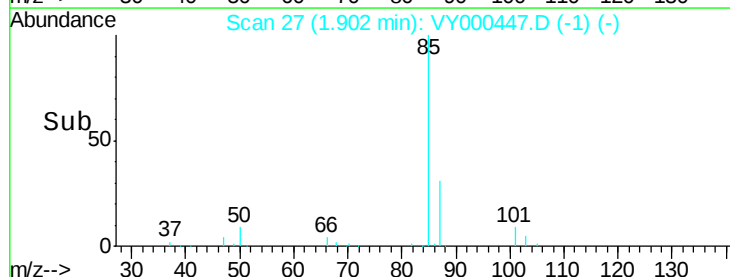
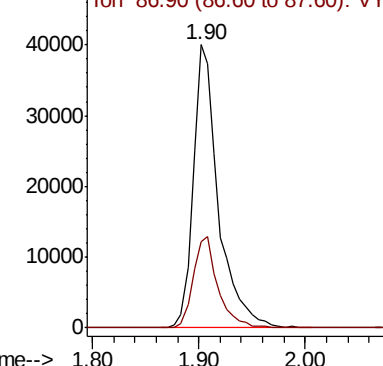
Ion Ratio Lower Upper

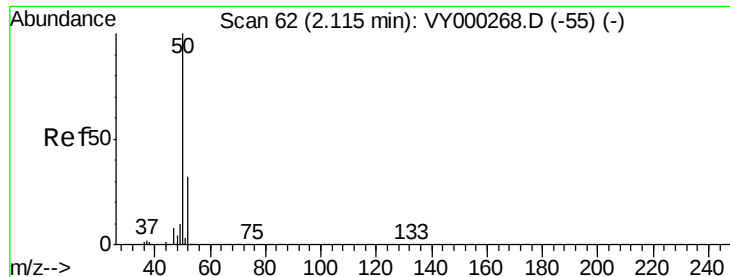
85 100

87 30.6 16.6 49.8



Abundance Ion 84.90 (84.60 to 85.60): VY000268.D (-21) (-)





#3

Chloromethane

Concen: 57.251 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY000447.D

Acq: 28 Oct 2019 11:48

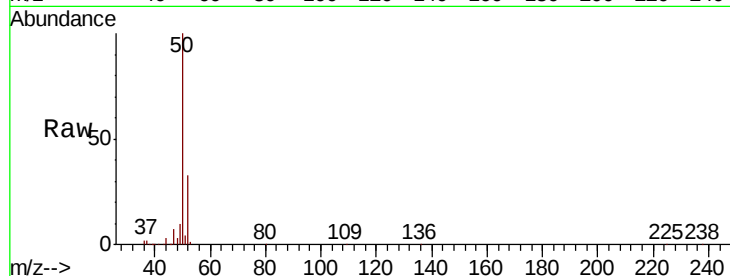
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 50 Resp: 148615

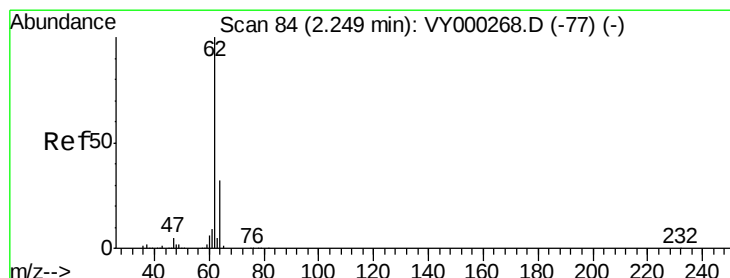
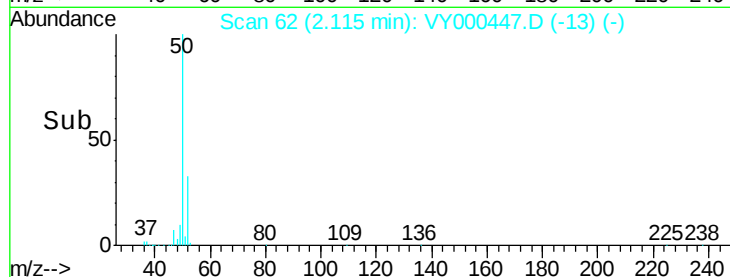
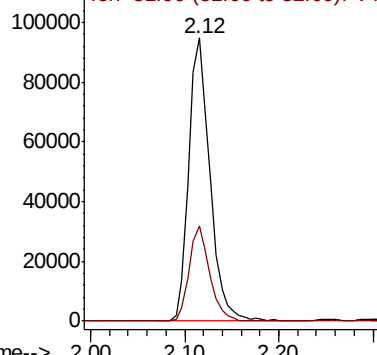
Ion Ratio Lower Upper

50 100

52 33.4 25.3 37.9



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



#4

Vinyl Chloride

Concen: 42.661 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.01 min

Lab File: VY000447.D

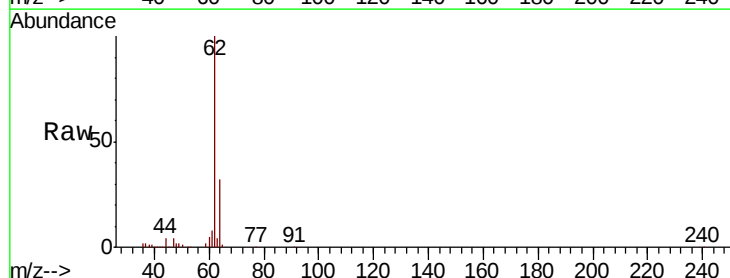
Acq: 28 Oct 2019 11:48

Tgt Ion: 62 Resp: 111763

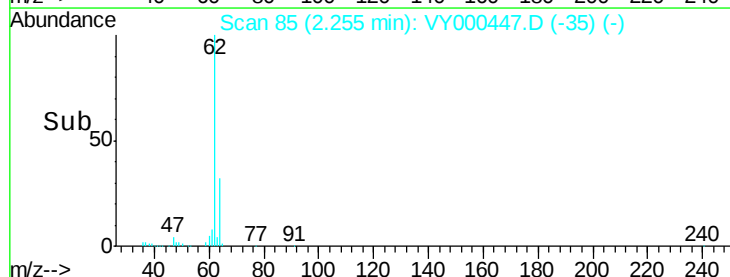
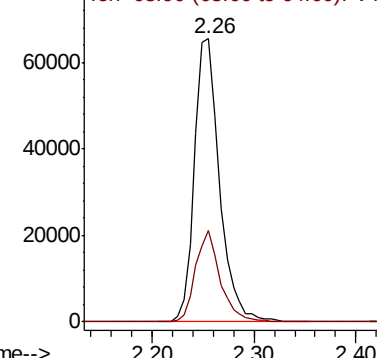
Ion Ratio Lower Upper

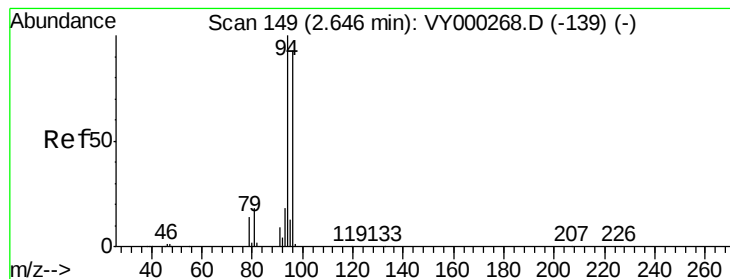
62 100

64 32.1 25.6 38.4



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





#5

Bromomethane

Concen: 71.103 ug/l

RT: 2.65 min Scan# 149

Delta R.T. 0.00 min

Lab File: VY000447.D

Acq: 28 Oct 2019 11:48

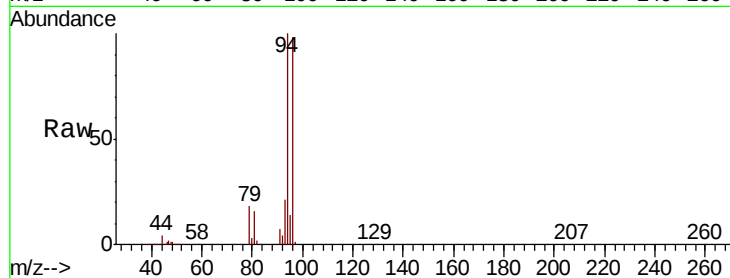
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 94 Resp: 138052

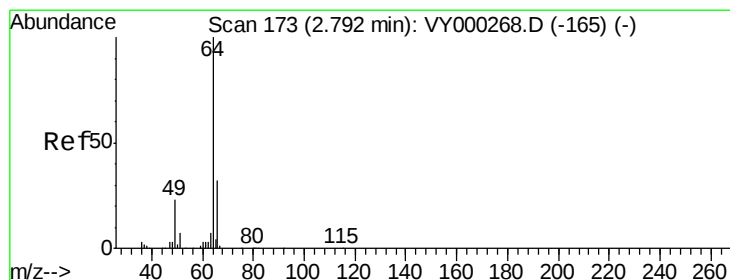
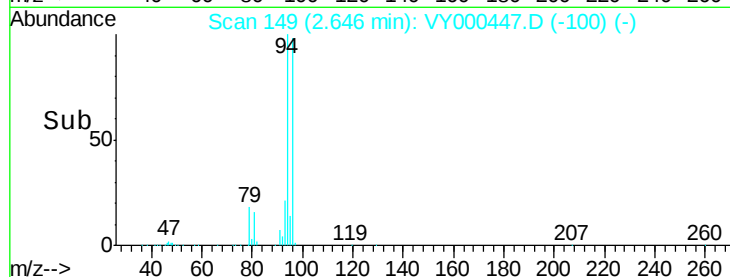
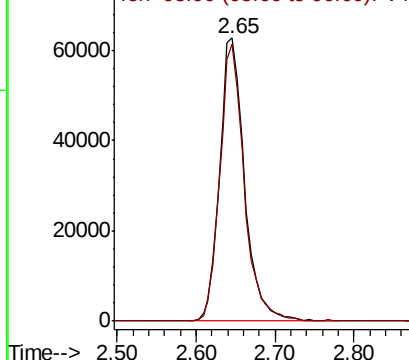
Ion Ratio Lower Upper

94 100

96 97.7 74.2 111.2



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



#6

Chloroethane

Concen: 44.639 ug/l

RT: 2.80 min Scan# 174

Delta R.T. 0.01 min

Lab File: VY000447.D

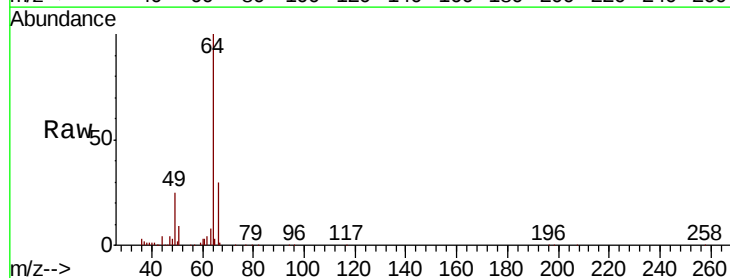
Acq: 28 Oct 2019 11:48

Tgt Ion: 64 Resp: 75455

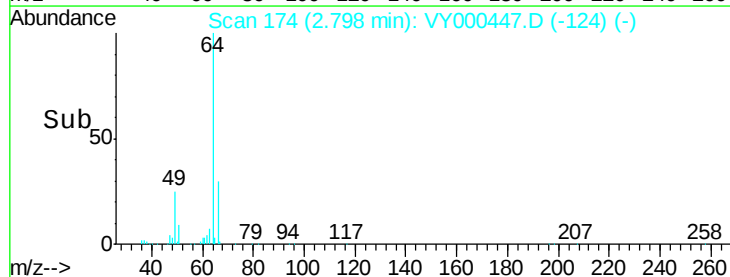
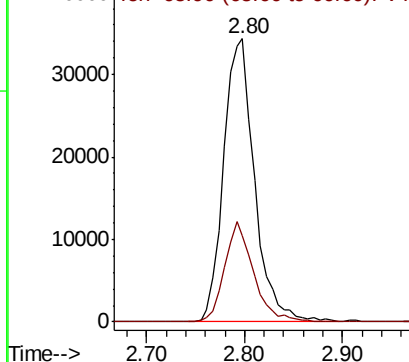
Ion Ratio Lower Upper

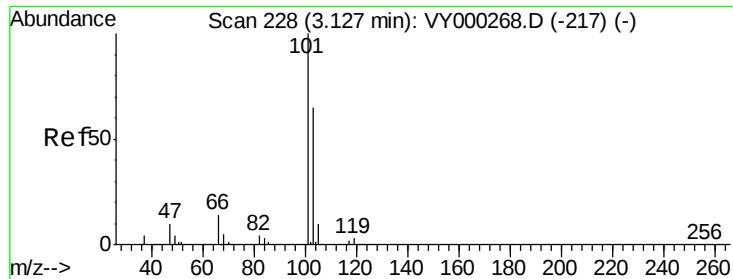
64 100

66 30.3 25.6 38.4



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



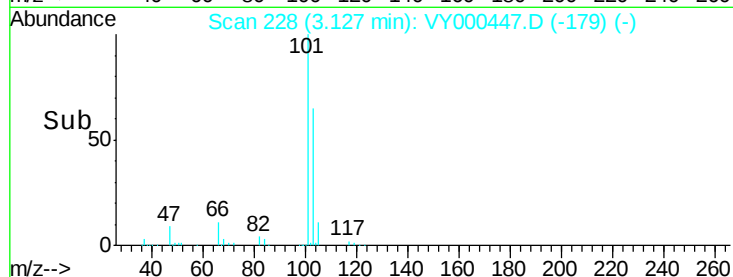
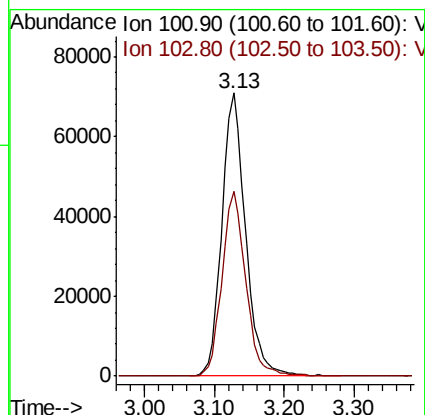
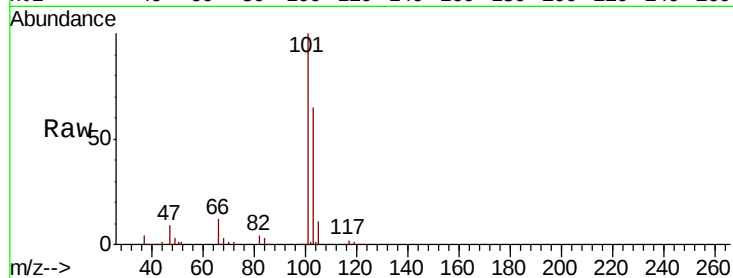


#7

Trichlorofluoromethane
Concen: 46.631 ug/l
RT: 3.13 min Scan# 228
Delta R.T. -0.00 min
Lab File: VY000447.D
Acq: 28 Oct 2019 11:48

Instrument :
MSVOA_Y
ClientSampleId :

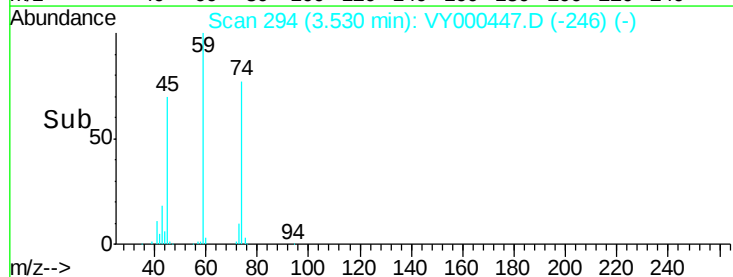
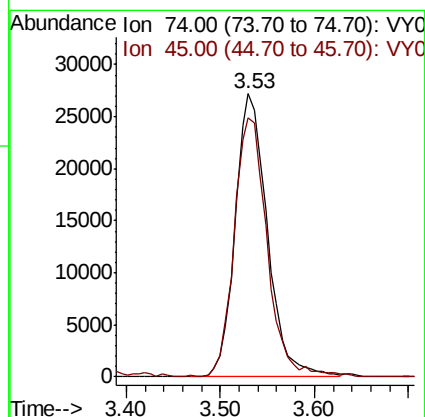
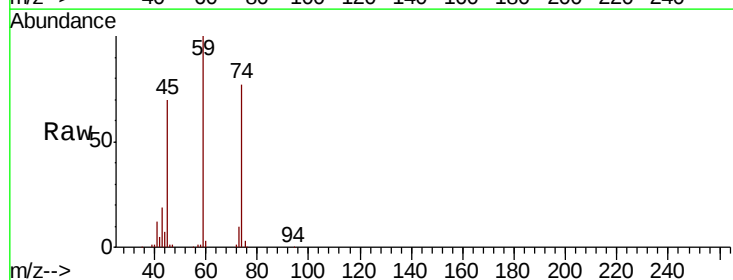
Tot Ion:101 Resp: 167105
Ion Ratio Lower Upper
101 100
103 65.3 52.2 78.4

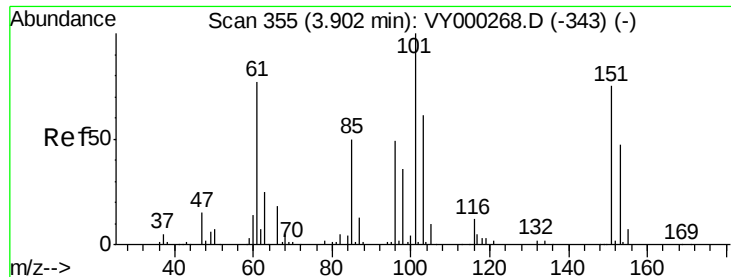


#8

Diethyl Ether
Concen: 51.309 ug/l
RT: 3.53 min Scan# 294
Delta R.T. -0.01 min
Lab File: VY000447.D
Acq: 28 Oct 2019 11:48

Tgt Ion: 74 Resp: 64956
Ion Ratio Lower Upper
74 100
45 93.9 47.1 141.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.356 ug/l

RT: 3.90 min Scan# 355

Delta R.T. -0.00 min

Lab File: VY000447.D

Acq: 28 Oct 2019 11:48

Instrument :

MSVOA_Y

ClientSampled :

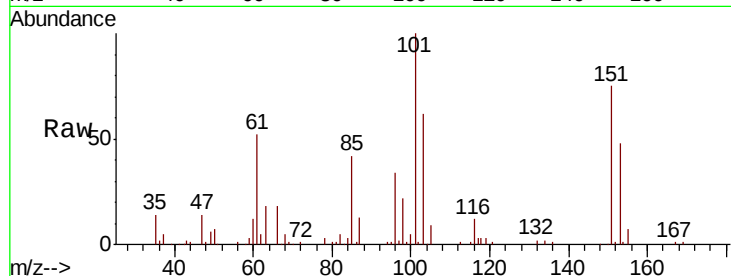
Tot Ion:101 Resp: 107265

Ion Ratio Lower Upper

101 100

85 44.4 36.6 55.0

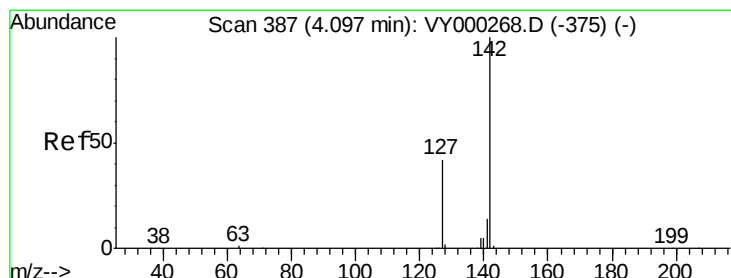
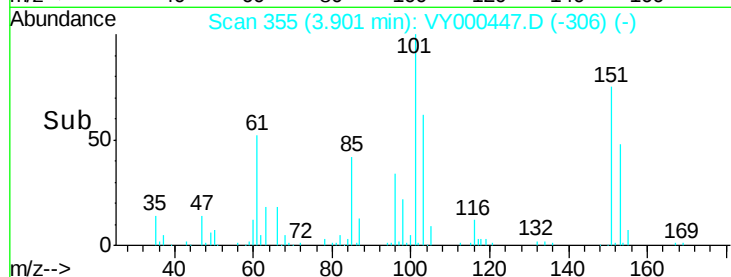
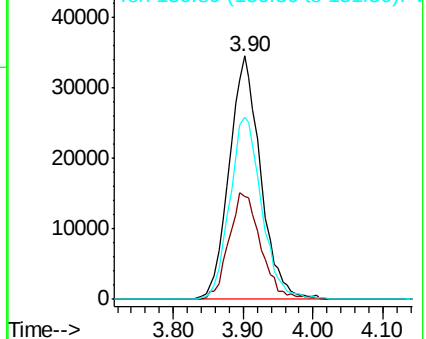
151 76.3 63.1 94.7



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: 51.835 ug/l

RT: 4.09 min Scan# 386

Delta R.T. -0.01 min

Lab File: VY000447.D

Acq: 28 Oct 2019 11:48

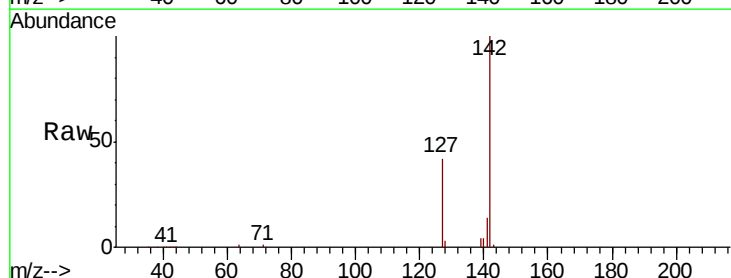
Tgt Ion:142 Resp: 160594

Ion Ratio Lower Upper

142 100

127 40.8 33.9 50.9

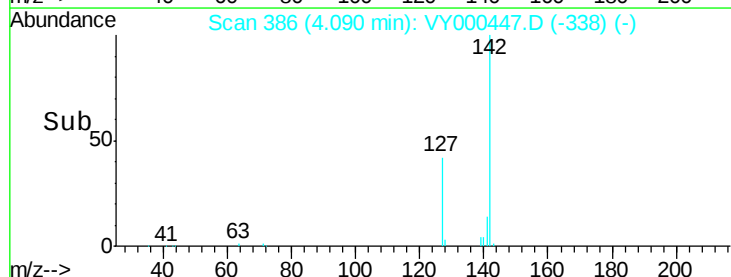
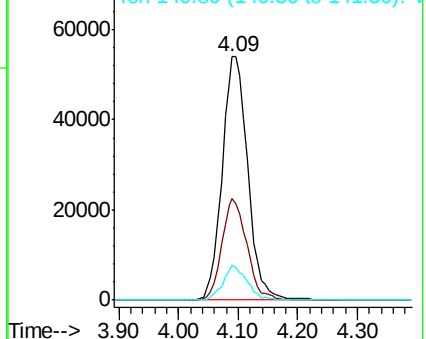
141 13.4 11.2 16.8

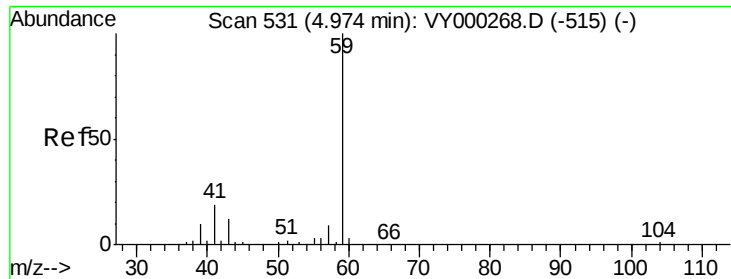


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



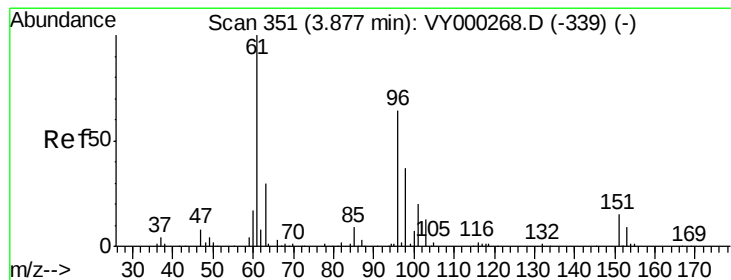
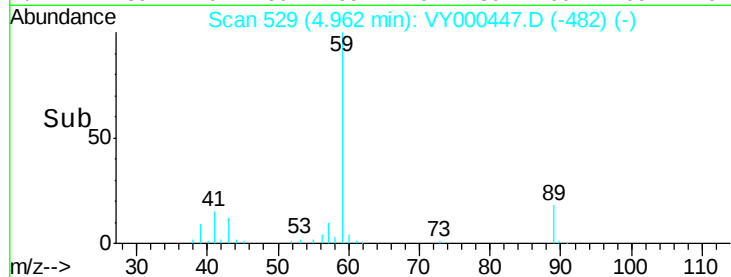
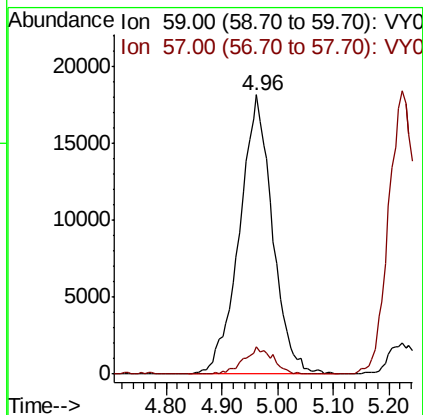
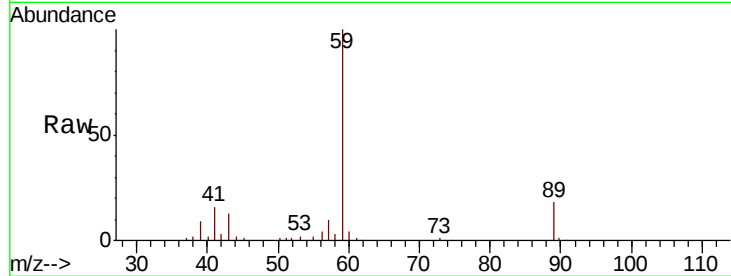


#11

Tert butyl alcohol
 Concen: 320.284 ug/l
 RT: 4.96 min Scan# 529
 Delta R.T. -0.01 min
 Lab File: VY000447.D
 Acq: 28 Oct 2019 11:48

Instrument :
 MSVOA_Y
 ClientSampled :

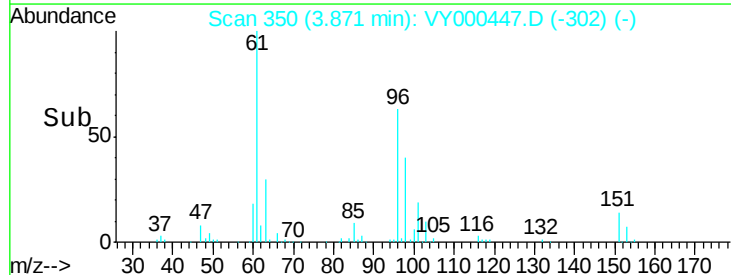
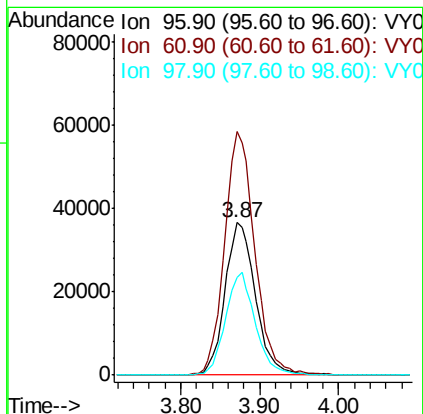
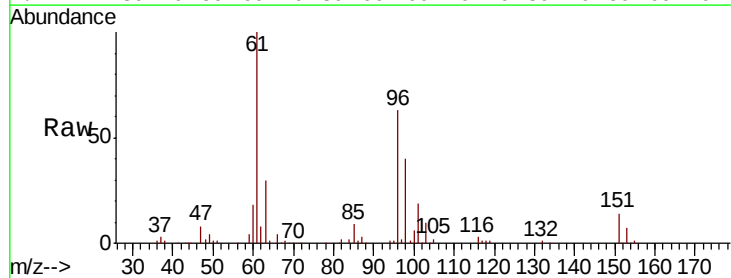
Tot Ion: 59 Resp: 75108
 Ion Ratio Lower Upper
 59 100
 57 8.5 8.2 12.2

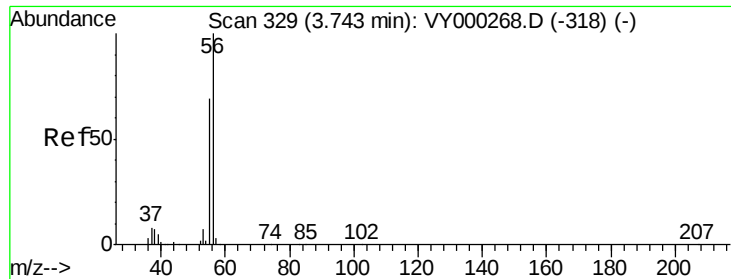


#12

1,1-Dichloroethene
 Concen: 45.936 ug/l
 RT: 3.87 min Scan# 350
 Delta R.T. -0.01 min
 Lab File: VY000447.D
 Acq: 28 Oct 2019 11:48

Tgt Ion: 96 Resp: 98557
 Ion Ratio Lower Upper
 96 100
 61 159.7 125.8 188.6
 98 64.1 46.2 69.2





#13

Acrolein

Concen: 174.891 ug/l

RT: 3.73 min Scan# 327

Delta R.T. -0.01 min

Lab File: VY000447.D

Acq: 28 Oct 2019 11:48

Instrument :

MSVOA_Y

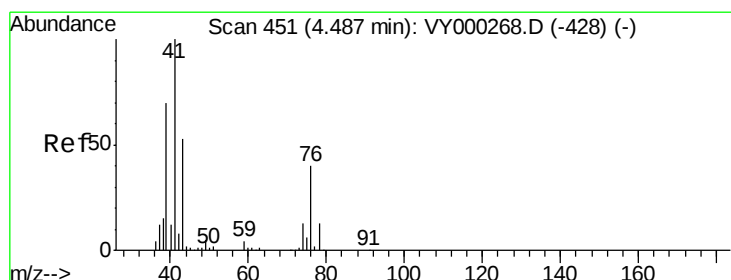
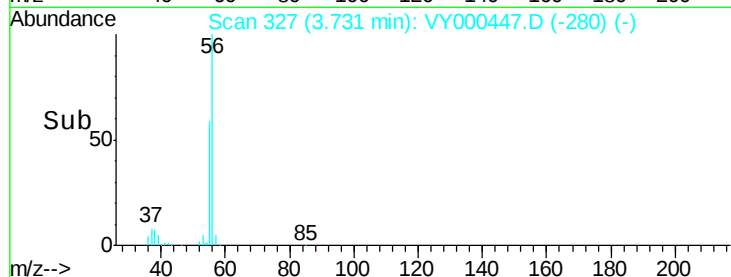
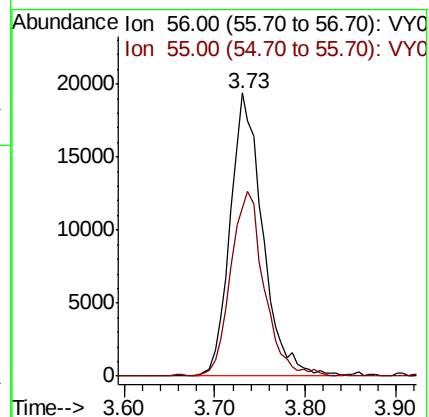
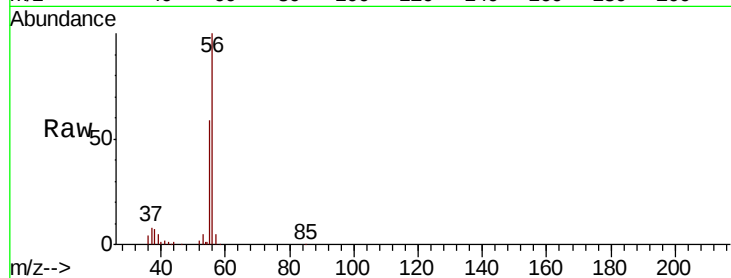
ClientSampled :

Tot Ion: 56 Resp: 48083

Ion Ratio Lower Upper

56 100

55 67.5 55.7 83.5



#14

Allyl chloride

Concen: 48.794 ug/l

RT: 4.48 min Scan# 450

Delta R.T. -0.01 min

Lab File: VY000447.D

Acq: 28 Oct 2019 11:48

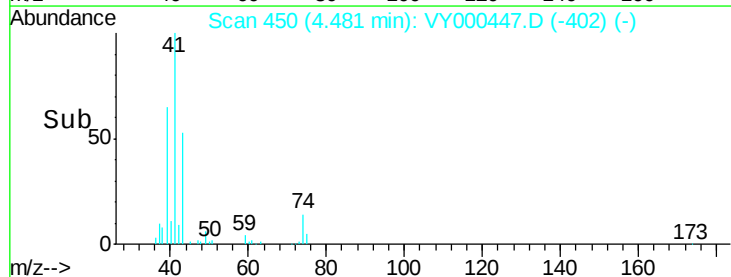
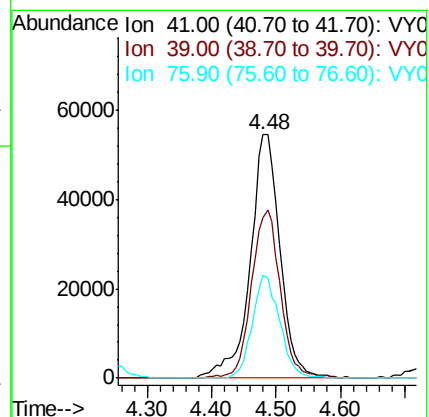
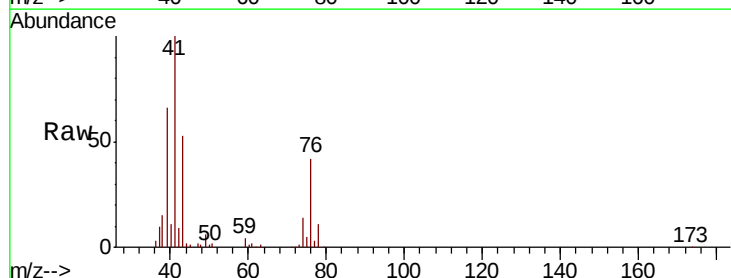
Tgt Ion: 41 Resp: 173488

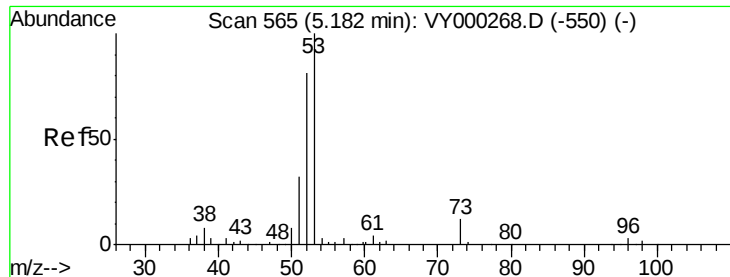
Ion Ratio Lower Upper

41 100

39 66.3 54.0 81.0

76 38.4 30.7 46.1





#15

Acrylonitrile

Concen: 267.073 ug/l

RT: 5.17 min Scan# 563

Delta R.T. -0.01 min

Lab File: VY000447.D

Acq: 28 Oct 2019 11:48

Instrument :

MSVOA_Y

ClientSampleId :

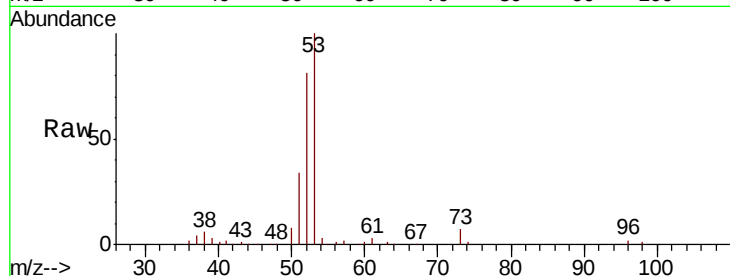
Tot Ion: 53 Resp: 189244

Ion Ratio Lower Upper

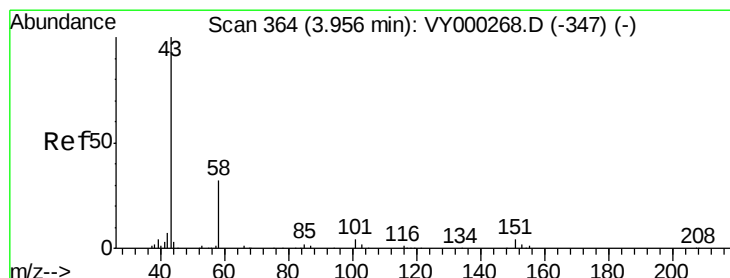
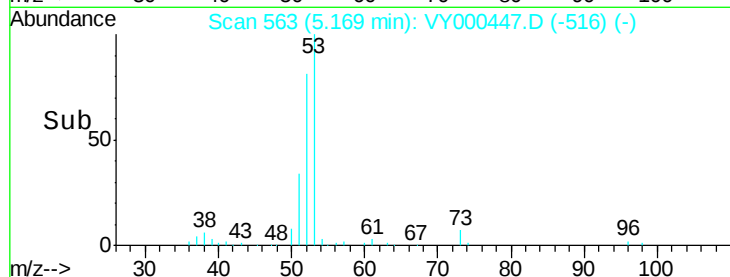
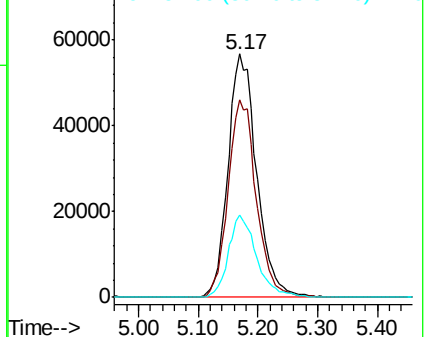
53 100

52 79.8 62.9 94.3

51 33.4 26.9 40.3



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



#16

Acetone

Concen: 292.600 ug/l

RT: 3.96 min Scan# 364

Delta R.T. -0.00 min

Lab File: VY000447.D

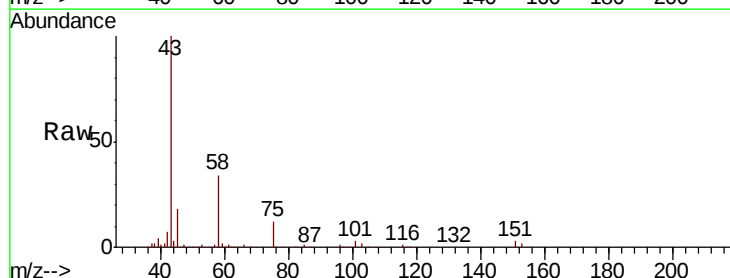
Acq: 28 Oct 2019 11:48

Tgt Ion: 43 Resp: 212332

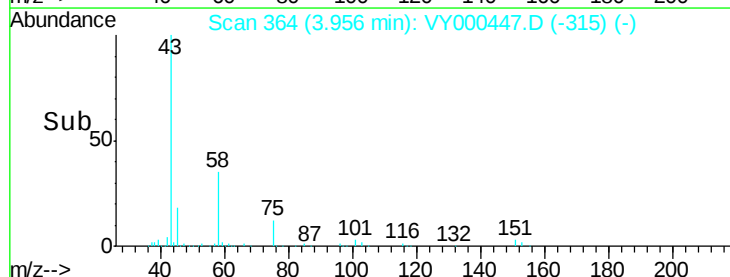
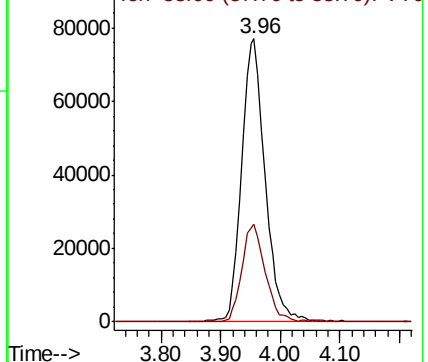
Ion Ratio Lower Upper

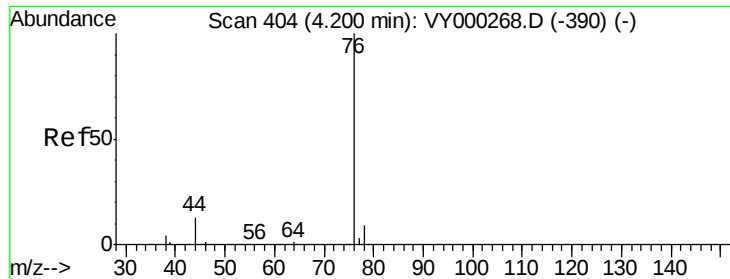
43 100

58 34.4 25.8 38.6



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

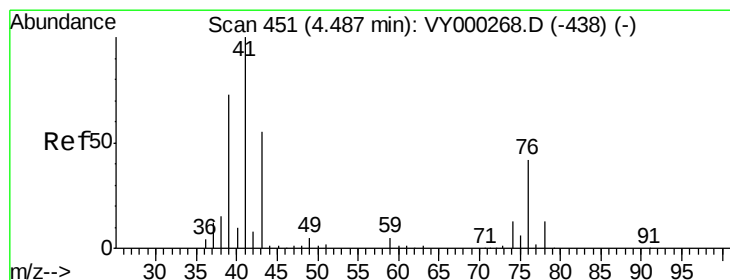
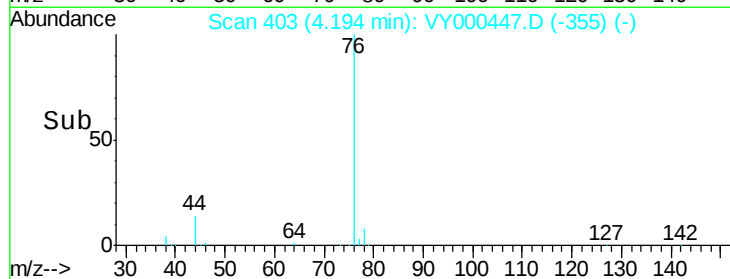
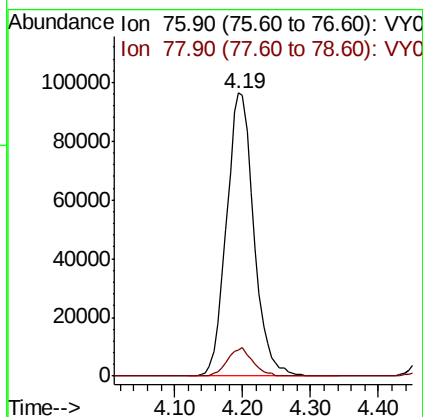
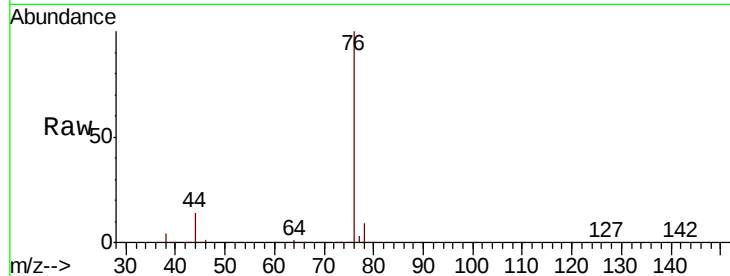




#17
Carbon Disulfide
Concen: 39.699 ug/l
RT: 4.19 min Scan# 403
Delta R.T. -0.01 min
Lab File: VY000447.D
Acq: 28 Oct 2019 11:48

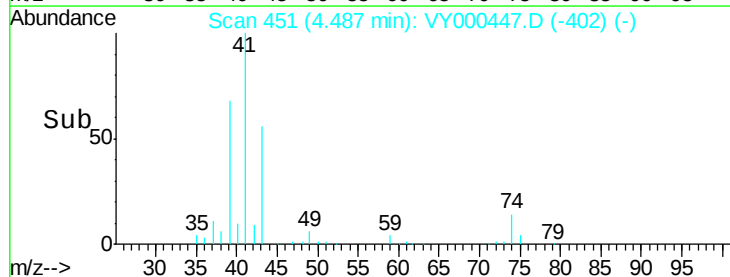
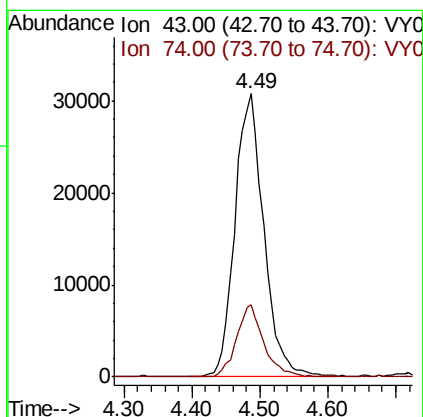
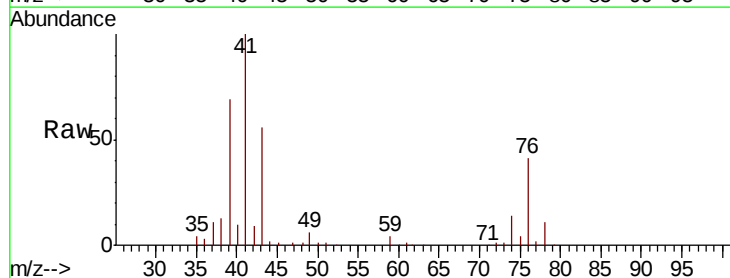
Instrument :
MSVOA_Y
ClientSampled :

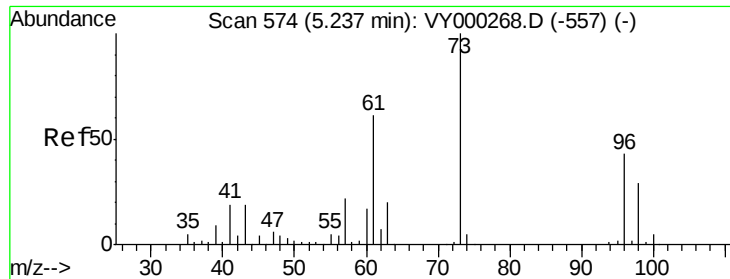
Tot Ion: 76 Resp: 268173
Ion Ratio Lower Upper
76 100
78 9.2 7.0 10.4



#18
Methyl Acetate
Concen: 50.424 ug/l
RT: 4.49 min Scan# 451
Delta R.T. -0.00 min
Lab File: VY000447.D
Acq: 28 Oct 2019 11:48

Tgt Ion: 43 Resp: 90915
Ion Ratio Lower Upper
43 100
74 23.8 20.4 30.6

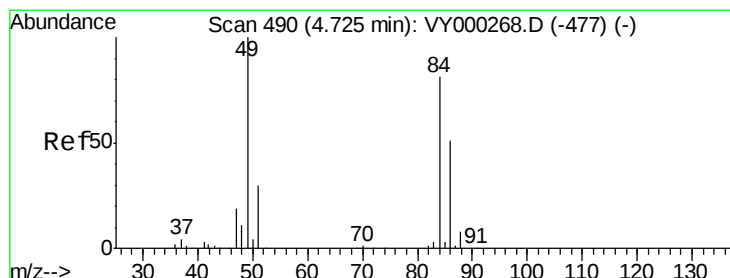
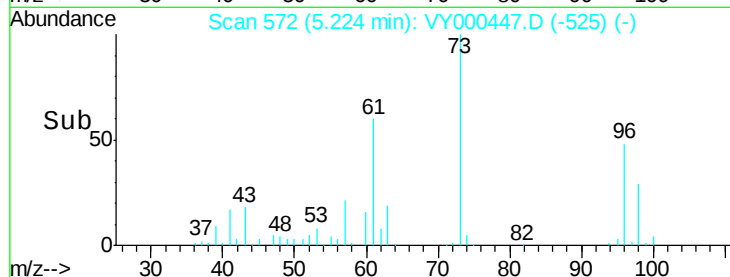
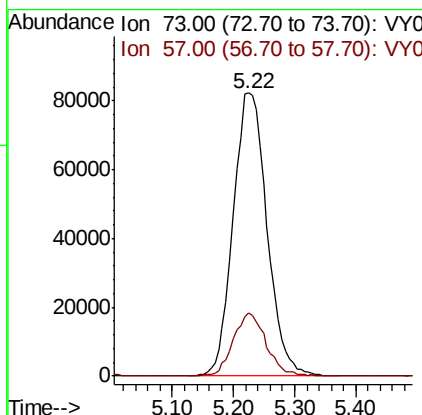
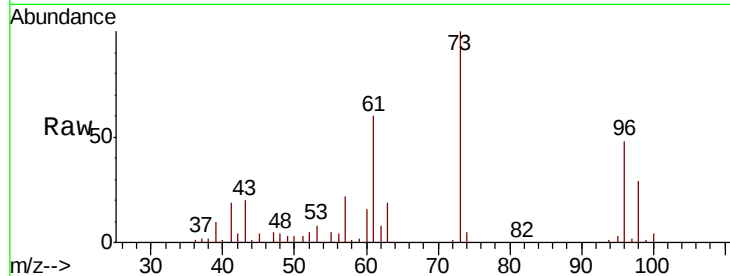




#19
Methyl tert-butyl Ether
Concen: 52.776 ug/l
RT: 5.22 min Scan# 572
Delta R.T. -0.01 min
Lab File: VY000447.D
Acq: 28 Oct 2019 11:48

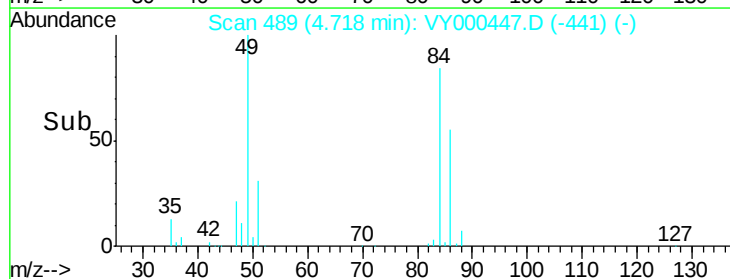
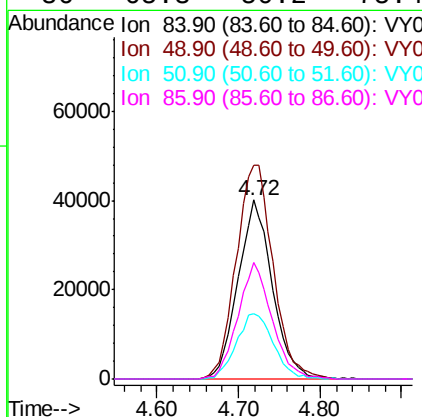
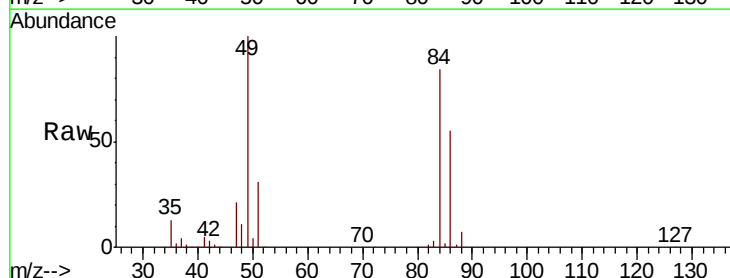
Instrument :
MSVOA_Y
ClientSampled :

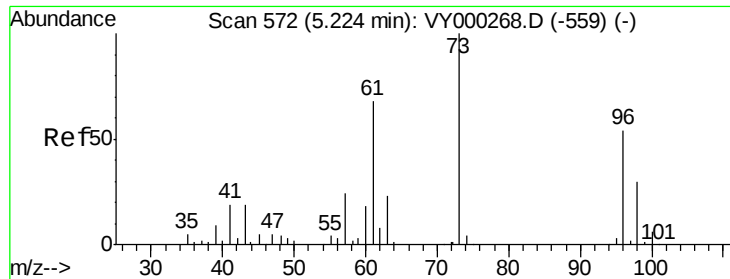
Tot Ion: 73 Resp: 315214
Ion Ratio Lower Upper
73 100
57 22.4 17.4 26.0



#20
Methylene Chloride
Concen: 47.715 ug/l
RT: 4.72 min Scan# 489
Delta R.T. -0.01 min
Lab File: VY000447.D
Acq: 28 Oct 2019 11:48

Tgt Ion: 84 Resp: 117272
Ion Ratio Lower Upper
84 100
49 119.4 99.0 148.4
51 36.7 29.3 43.9
86 65.3 50.2 75.4





#21

trans-1,2-Dichloroethene

Concen: 47.948 ug/l

RT: 5.22 min Scan# 572

Delta R.T. -0.00 min

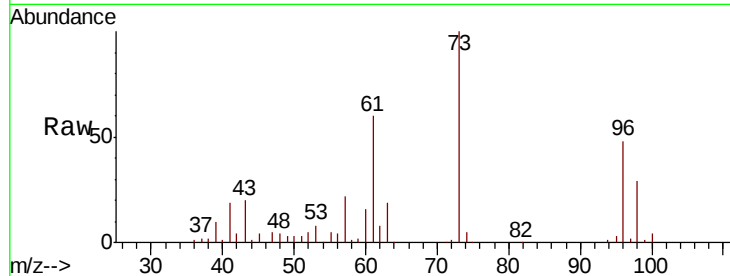
Lab File: VY000447.D

Acq: 28 Oct 2019 11:48

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 96 Resp: 118027

Ion	Ratio	Lower	Upper
96	100		
61	126.0	100.4	150.6
98	61.3	44.6	66.8

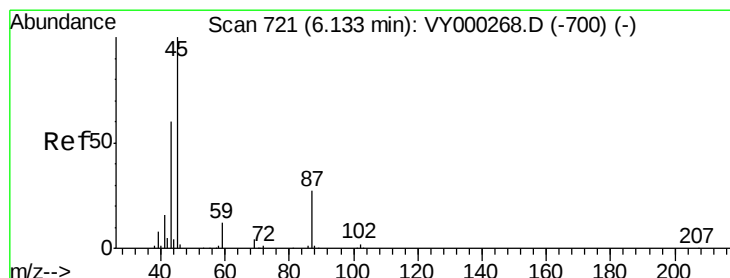
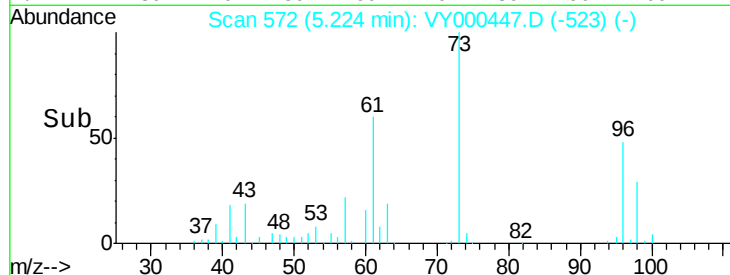
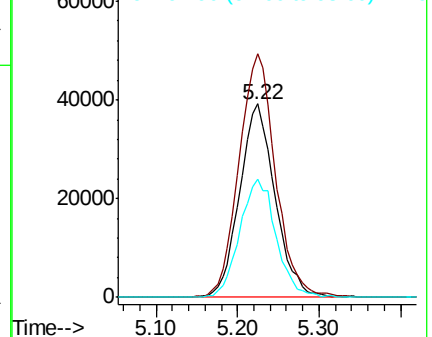


Abundance

Ion 95.90 (95.60 to 96.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

Ion 97.90 (97.60 to 98.60): VY0



#22

Diisopropyl ether

Concen: 53.507 ug/l

RT: 6.13 min Scan# 720

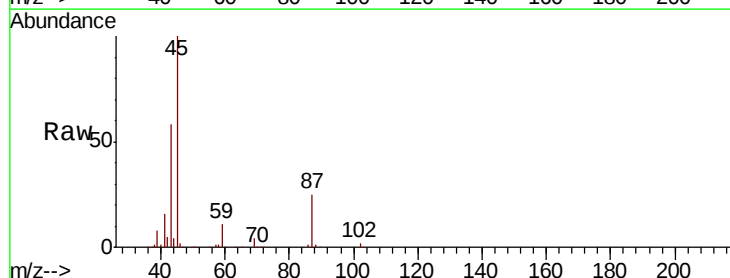
Delta R.T. -0.01 min

Lab File: VY000447.D

Acq: 28 Oct 2019 11:48

Tgt Ion: 45 Resp: 402370

Ion	Ratio	Lower	Upper
45	100		
43	57.3	48.5	72.7
87	25.0	21.5	32.3
59	11.0	9.4	14.0



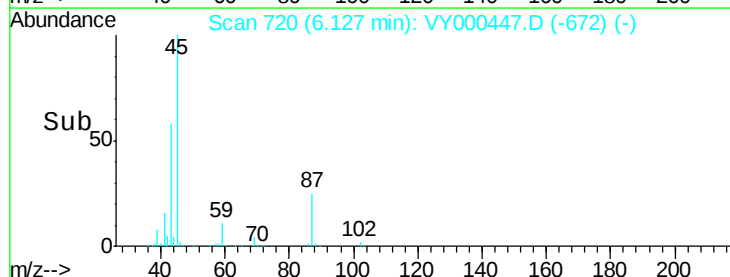
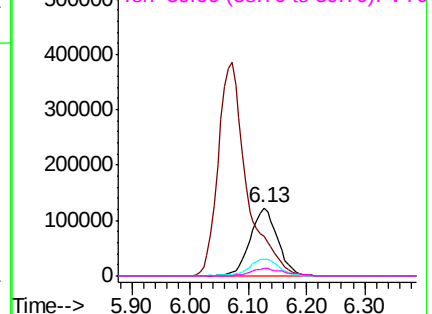
Abundance

Ion 45.00 (44.70 to 45.70): VY0

Ion 43.00 (42.70 to 43.70): VY0

Ion 87.00 (86.70 to 87.70): VY0

Ion 59.00 (58.70 to 59.70): VY0

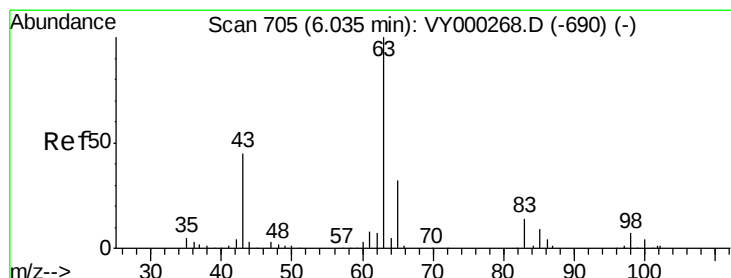
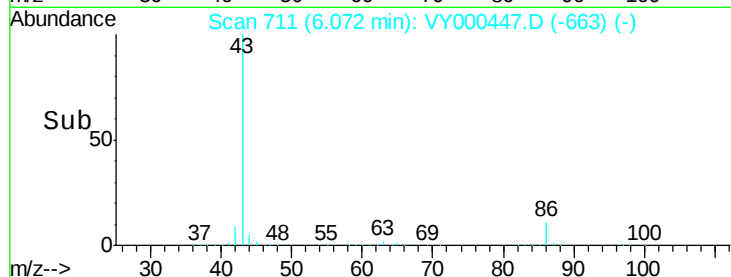
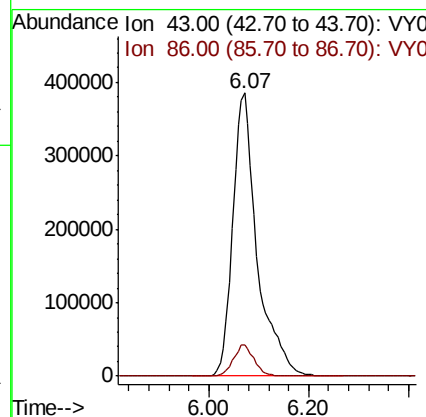
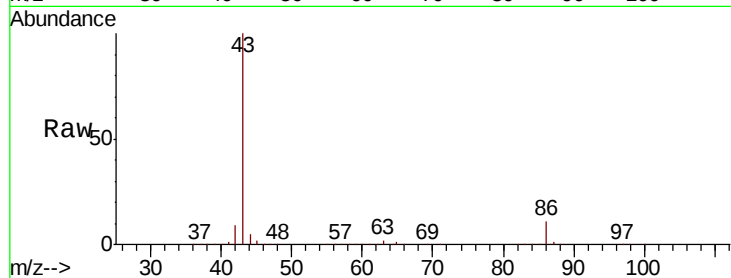




#23
 Vinyl Acetate
 Concen: 266.997 ug/l
 RT: 6.07 min Scan# 711
 Delta R.T. -0.01 min
 Lab File: VY000447.D
 Acq: 28 Oct 2019 11:48

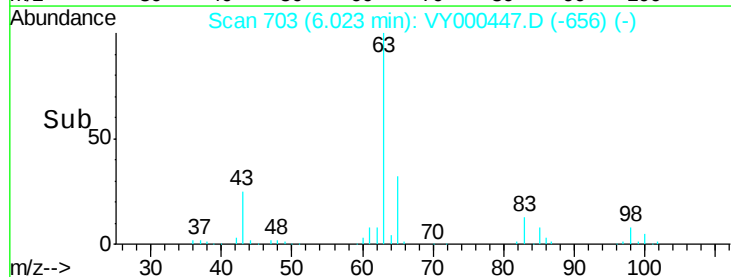
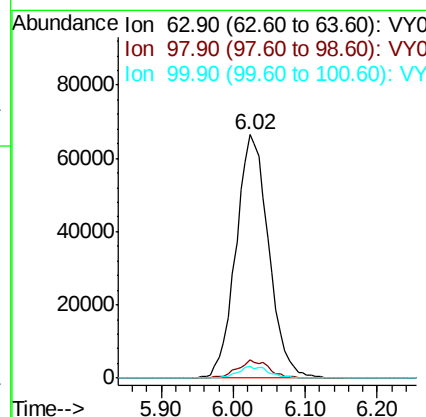
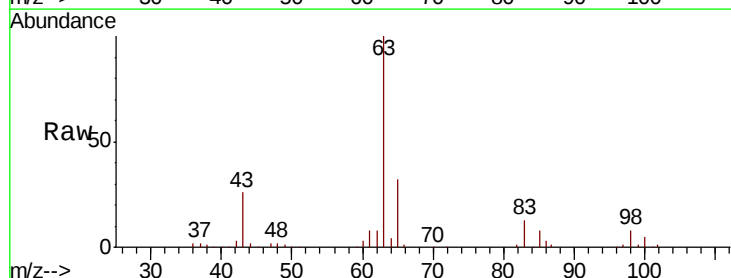
Instrument :
 MSVOA_Y
 ClientSampleId :

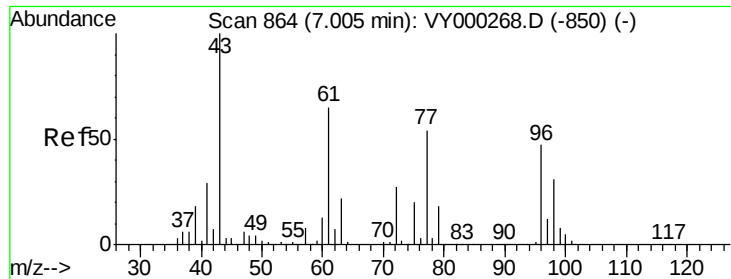
Tot Ion: 43 Resp: 1309865
 Ion Ratio Lower Upper
 43 100
 86 10.9 8.6 13.0



#24
 1,1-Dichloroethane
 Concen: 51.006 ug/l
 RT: 6.02 min Scan# 703
 Delta R.T. -0.01 min
 Lab File: VY000447.D
 Acq: 28 Oct 2019 11:48

Tgt Ion: 63 Resp: 209363
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.5 10.4
 100 4.9 2.1 6.2





#25

2-Butanone

Concen: 284.337 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.01 min

Lab File: VY000447.D

Acq: 28 Oct 2019 11:48

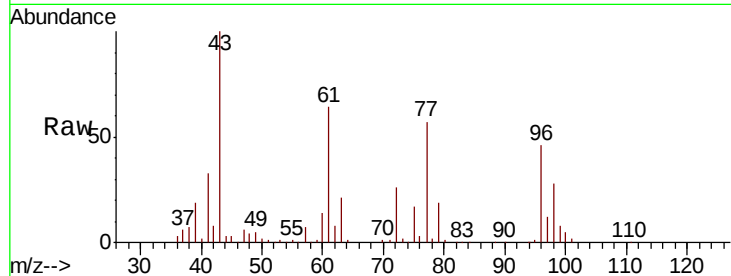
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 43 Resp: 290662

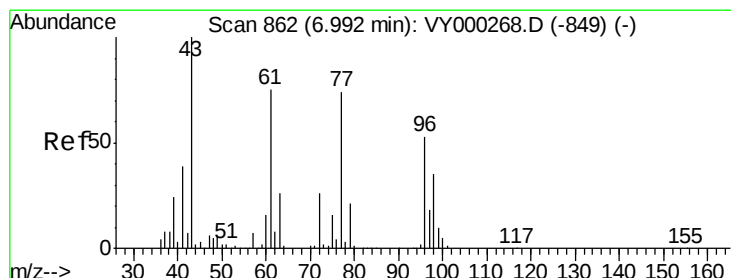
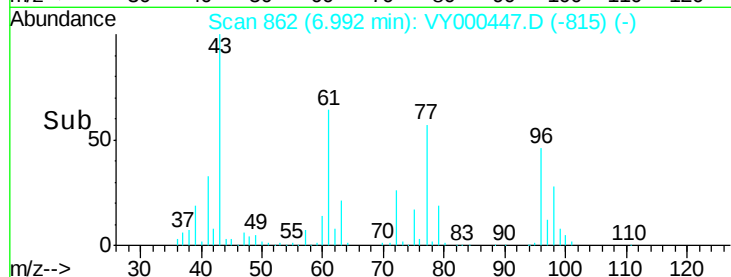
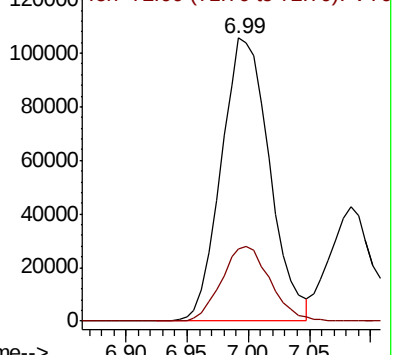
Ion Ratio Lower Upper

43 100

72 25.7 21.4 32.2



Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 72.00 (71.70 to 72.70): VY0



#26

2,2-Dichloropropane

Concen: 49.602 ug/l

RT: 6.99 min Scan# 861

Delta R.T. -0.01 min

Lab File: VY000447.D

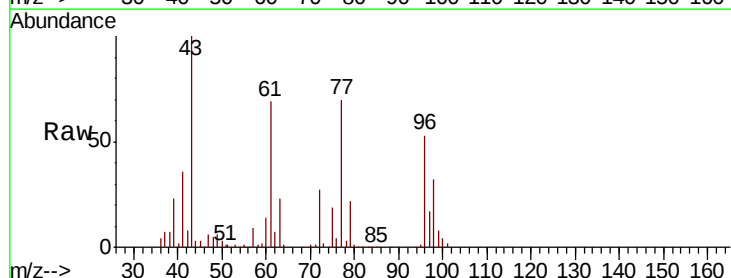
Acq: 28 Oct 2019 11:48

Tgt Ion: 77 Resp: 187610

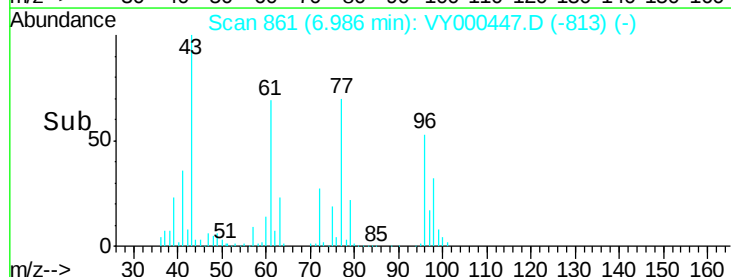
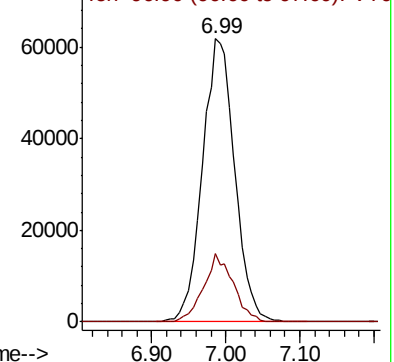
Ion Ratio Lower Upper

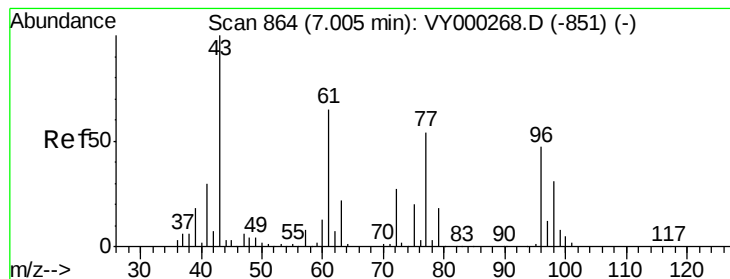
77 100

97 22.1 11.6 34.7



Abundance Ion 76.90 (76.60 to 77.60): VY0
Ion 96.90 (96.60 to 97.60): VY0



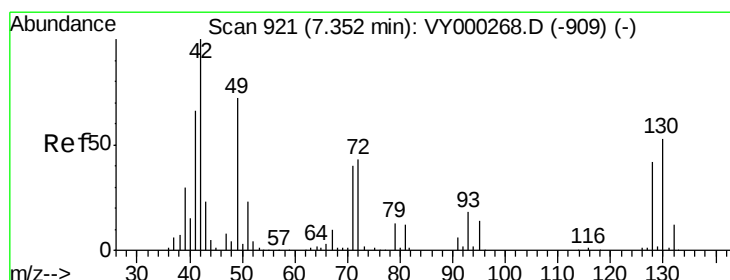
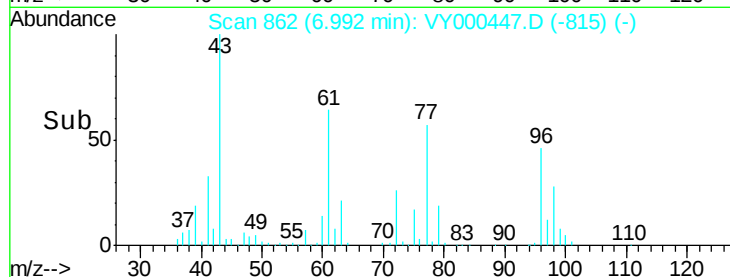
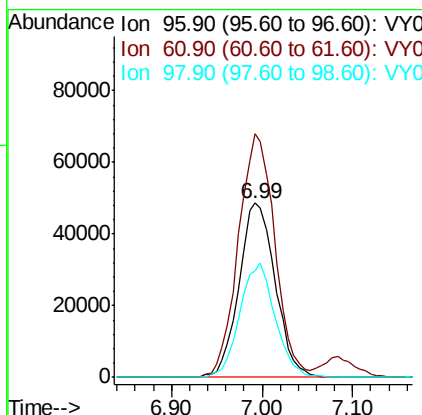
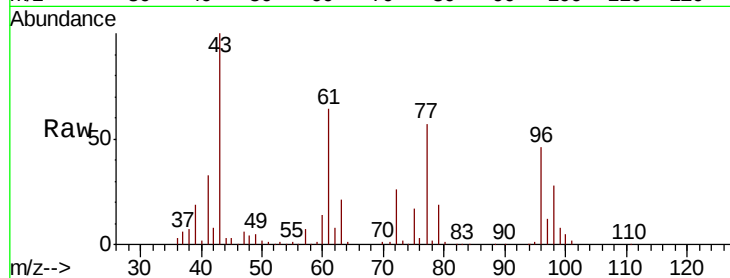


#27

cis-1,2-Dichloroethene
Concen: 50.538 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.01 min
Lab File: VY000447.D
Acq: 28 Oct 2019 11:48

Instrument :
MSVOA_Y
ClientSampled :

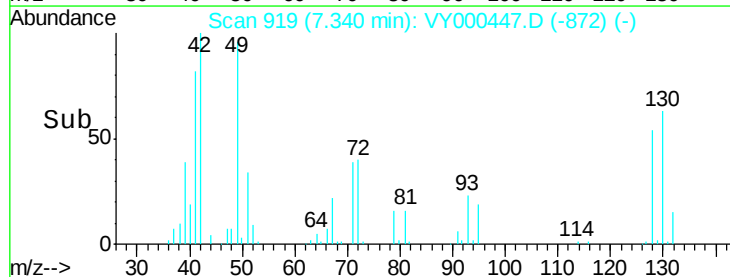
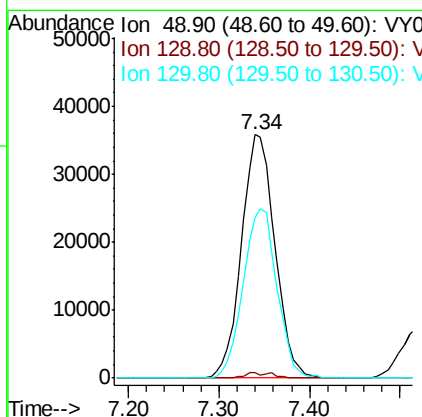
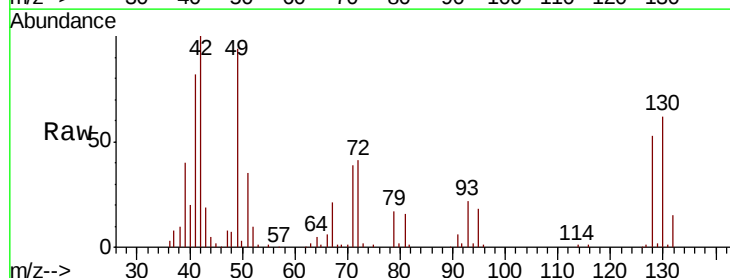
Tot Ion: 96 Resp: 134612
Ion Ratio Lower Upper
96 100
61 140.5 0.0 289.8
98 63.7 0.0 131.8

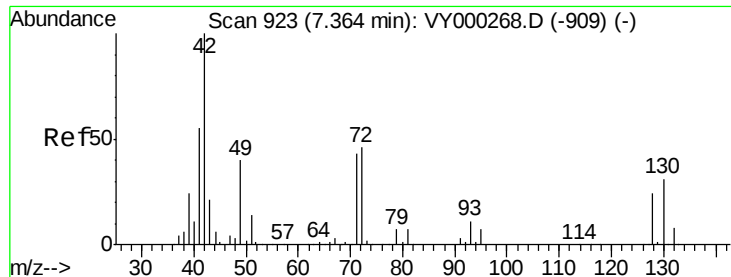


#28

Bromochloromethane
Concen: 51.847 ug/l
RT: 7.34 min Scan# 919
Delta R.T. -0.01 min
Lab File: VY000447.D
Acq: 28 Oct 2019 11:48

Tgt Ion: 49 Resp: 91359
Ion Ratio Lower Upper
49 100
129 1.9 0.0 4.0
130 70.3 58.2 87.2

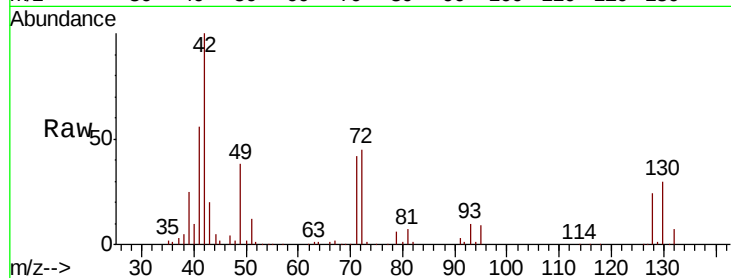




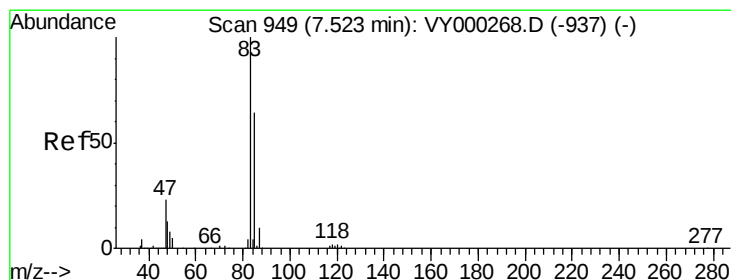
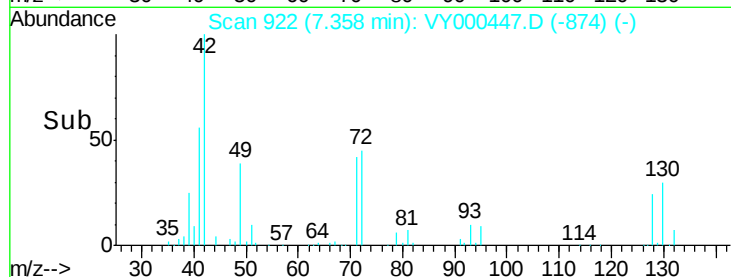
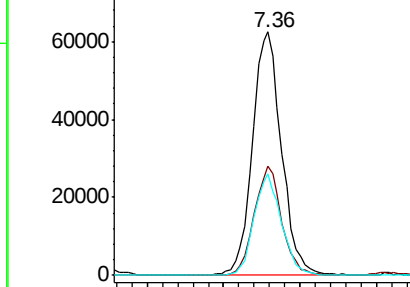
#29
Tetrahydrofuran
Concen: 267.312 ug/l
RT: 7.36 min Scan# 922
Delta R.T. -0.01 min
Lab File: VY000447.D
Acq: 28 Oct 2019 11:48

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 42 Resp: 165605
Ion Ratio Lower Upper
42 100
72 42.6 34.5 51.7
71 39.2 32.7 49.1

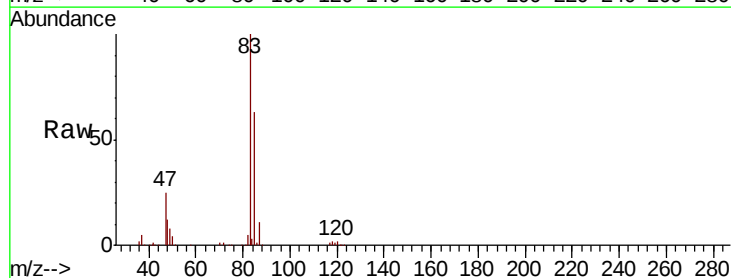


Abundance Ion 42.00 (41.70 to 42.70): VY0
Ion 72.00 (71.70 to 72.70): VY0
Ion 71.00 (70.70 to 71.70): VY0

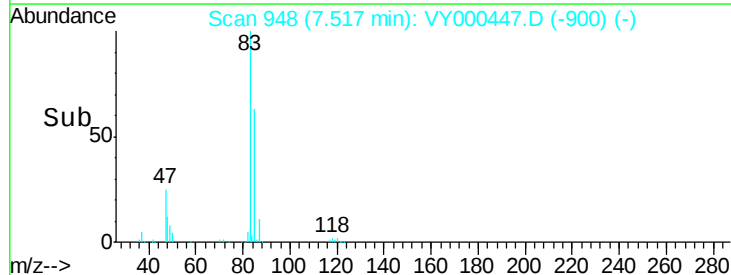
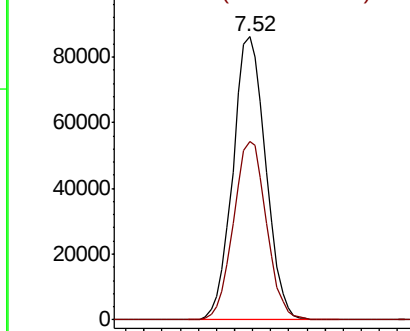


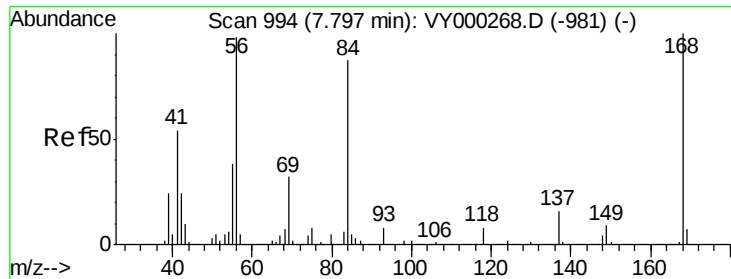
#30
Chloroform
Concen: 52.283 ug/l
RT: 7.52 min Scan# 948
Delta R.T. -0.01 min
Lab File: VY000447.D
Acq: 28 Oct 2019 11:48

Tgt Ion: 83 Resp: 216121
Ion Ratio Lower Upper
83 100
85 63.0 51.4 77.2



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

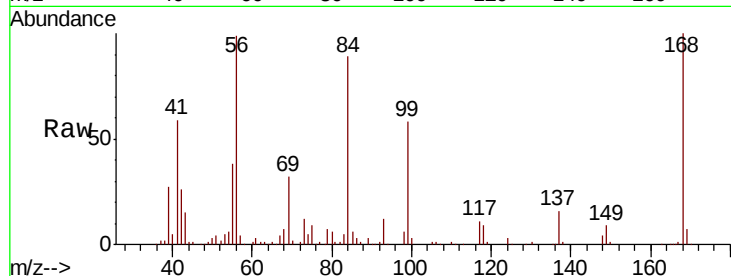




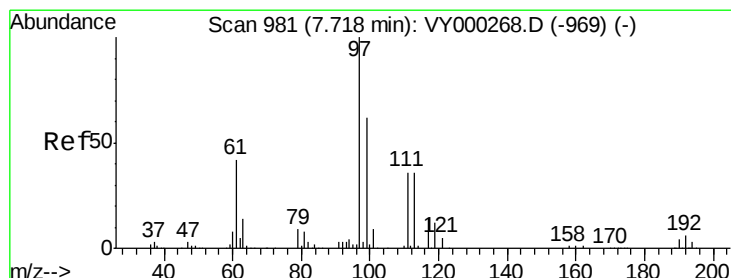
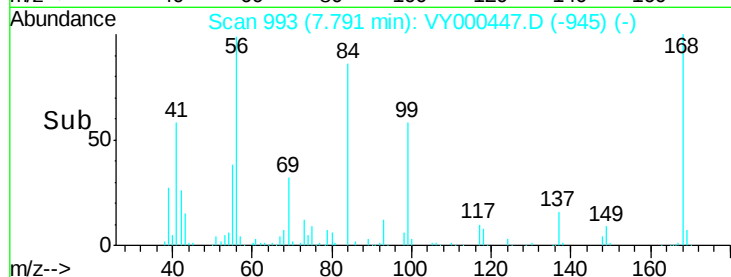
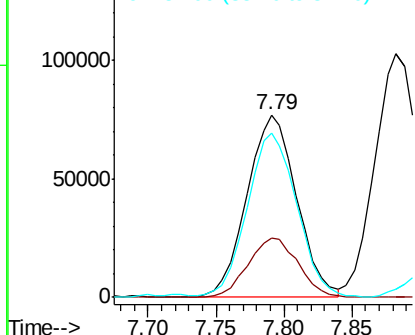
#31
Cyclohexane
Concen: 45.790 ug/l
RT: 7.79 min Scan# 993
Delta R.T. -0.01 min
Lab File: VY000447.D
Acq: 28 Oct 2019 11:48

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 56 Resp: 196307
Ion Ratio Lower Upper
56 100
69 32.7 26.3 39.5
84 89.5 70.8 106.2

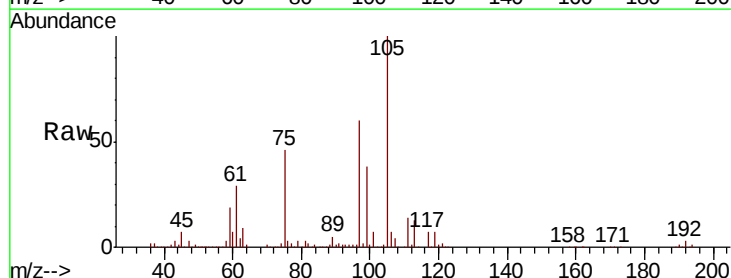


Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0

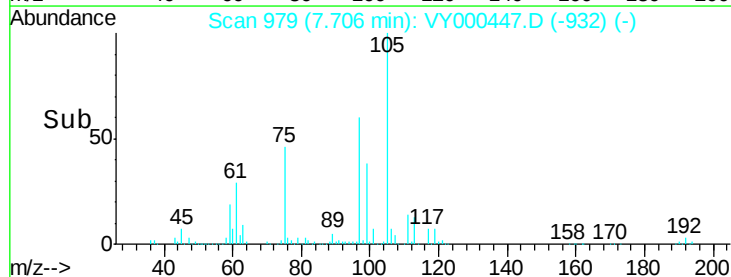
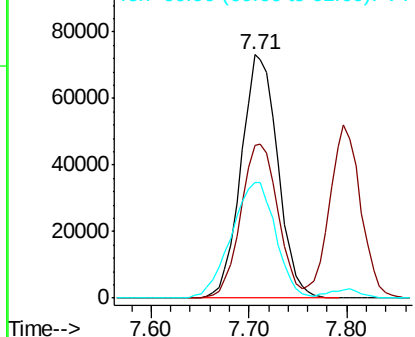


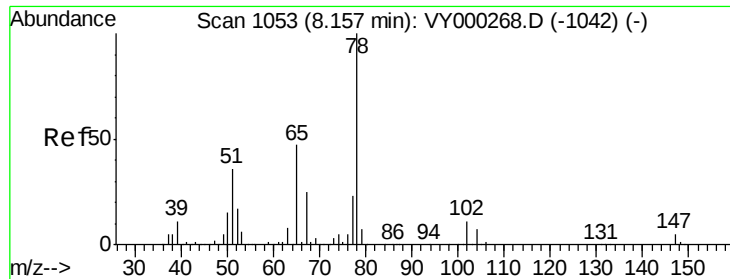
#32
1,1,1-Trichloroethane
Concen: 51.703 ug/l
RT: 7.71 min Scan# 979
Delta R.T. -0.01 min
Lab File: VY000447.D
Acq: 28 Oct 2019 11:48

Tgt Ion: 97 Resp: 190010
Ion Ratio Lower Upper
97 100
99 64.5 51.7 77.5
61 57.4 34.5 51.7#



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: 50.583 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.01 min

Lab File: VY000447.D

Acq: 28 Oct 2019 11:48

Instrument :

MSVOA_Y

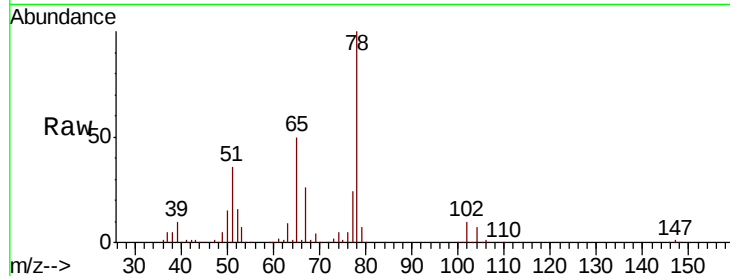
ClientSampleId :

Tot Ion: 65 Resp: 113348

Ion Ratio Lower Upper

65 100

67 52.7 0.0 109.4



Abundance Ion 64.90 (64.60 to 65.60): VY000447.D (-1042) (-)

Ion 66.90 (66.60 to 67.60): VY000447.D (-1042) (-)

8.15

60000

50000

40000

30000

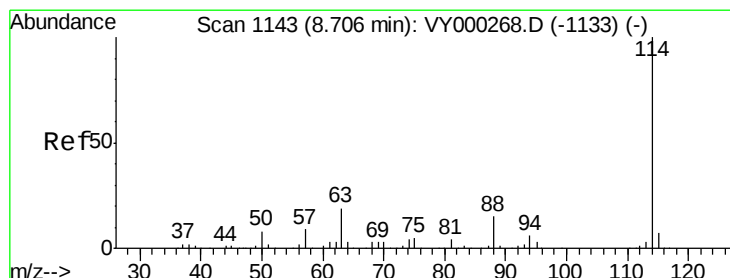
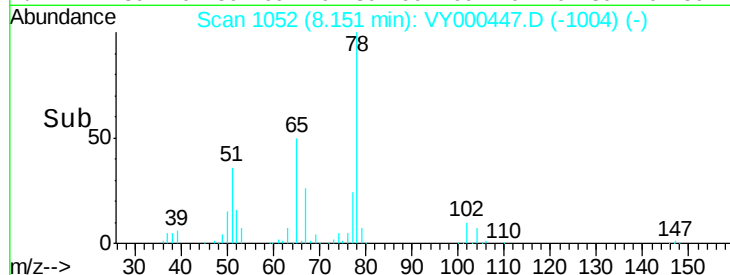
20000

10000

0

8.05 8.10 8.15 8.20

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.70 min Scan# 1142

Delta R.T. -0.01 min

Lab File: VY000447.D

Acq: 28 Oct 2019 11:48

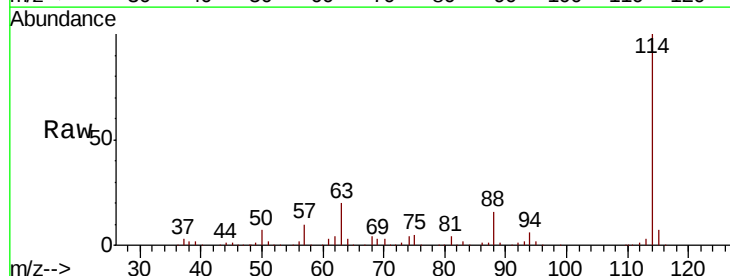
Tgt Ion: 114 Resp: 339444

Ion Ratio Lower Upper

114 100

63 19.9 0.0 37.2

88 16.3 0.0 30.2



Abundance Ion 113.90 (113.60 to 114.60): VY000447.D (-1094) (-)

Ion 63.00 (62.70 to 63.70): VY000447.D (-1094) (-)

Ion 87.90 (87.60 to 88.60): VY000447.D (-1094) (-)

8.70

200000

150000

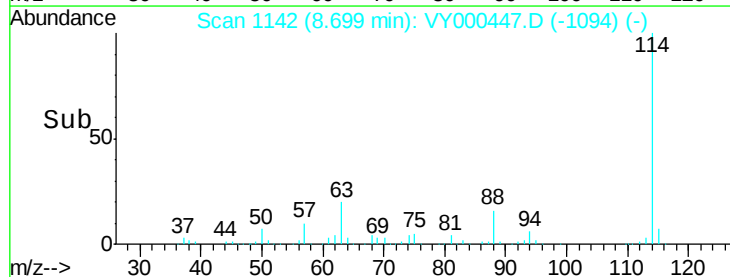
100000

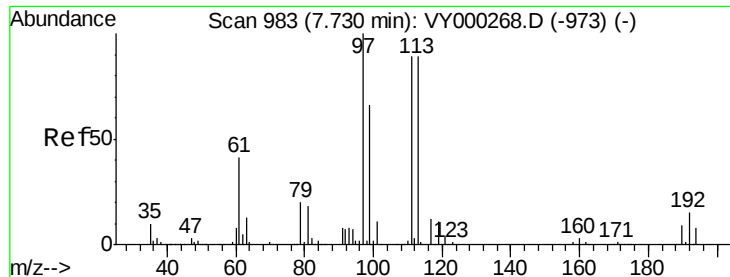
50000

0

8.60 8.70 8.80

Time-->

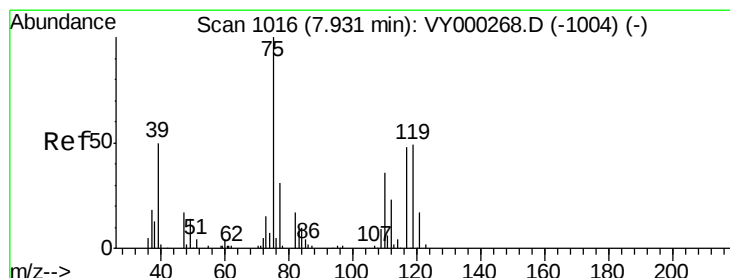
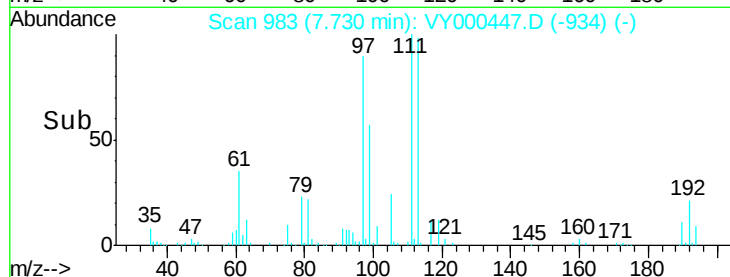
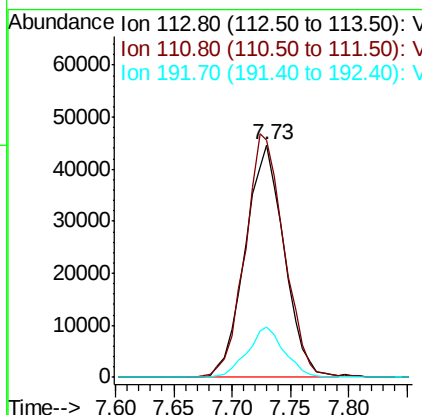
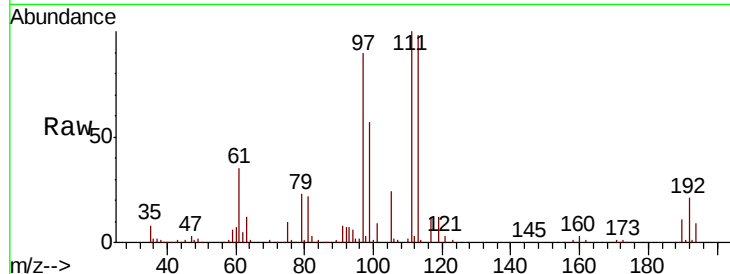




#35
 Dibromofluoromethane
 Concen: 50.838 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. -0.00 min
 Lab File: VY000447.D
 Acq: 28 Oct 2019 11:48

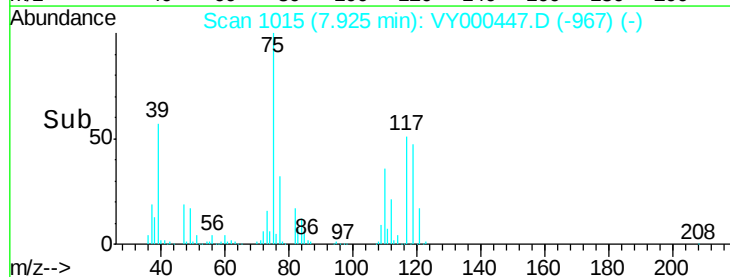
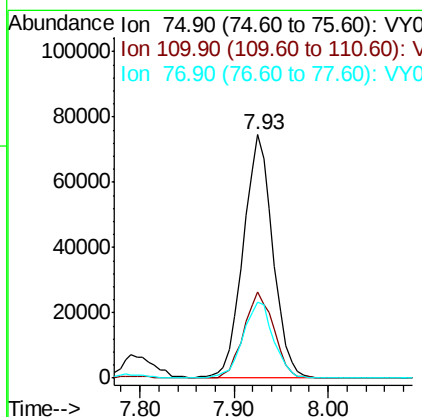
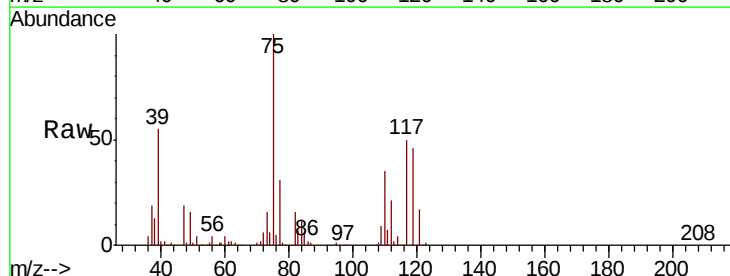
Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
113	100		
111	104.7	81.6	122.4
192	20.4	15.3	22.9



#36
 1,1-Dichloropropene
 Concen: 49.518 ug/l
 RT: 7.93 min Scan# 1015
 Delta R.T. -0.01 min
 Lab File: VY000447.D
 Acq: 28 Oct 2019 11:48

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.9	18.4	55.4
77	32.4	25.0	37.6

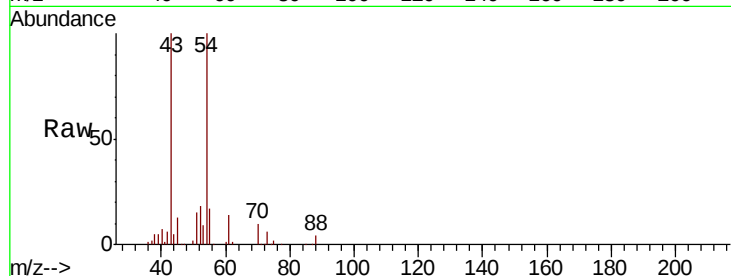




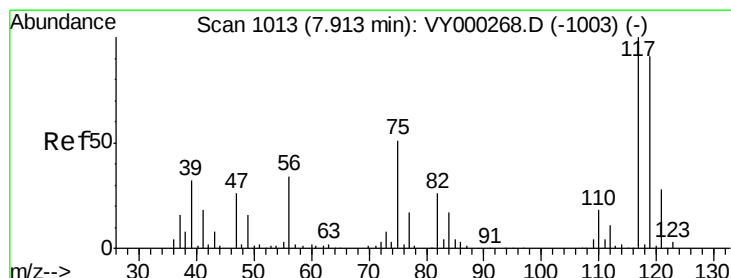
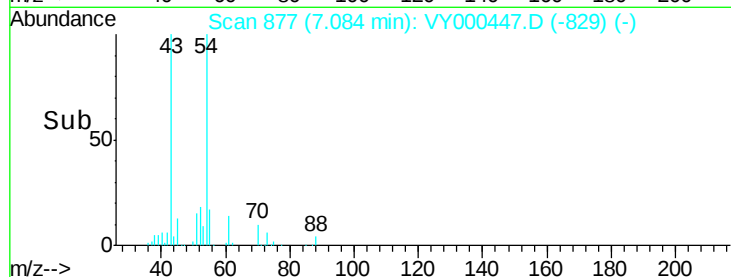
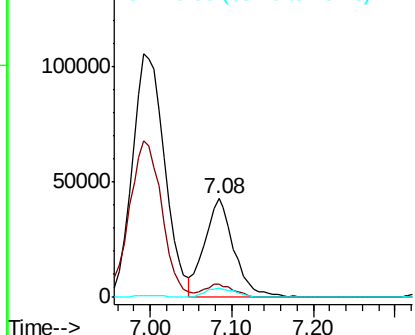
#37
Ethyl Acetate
Concen: 54.957 ug/l
RT: 7.08 min Scan# 877
Delta R.T. -0.01 min
Lab File: VY000447.D
Acq: 28 Oct 2019 11:48

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 43 Resp: 108147
Ion Ratio Lower Upper
43 100
61 13.7 12.1 18.1
70 9.7 8.7 13.1

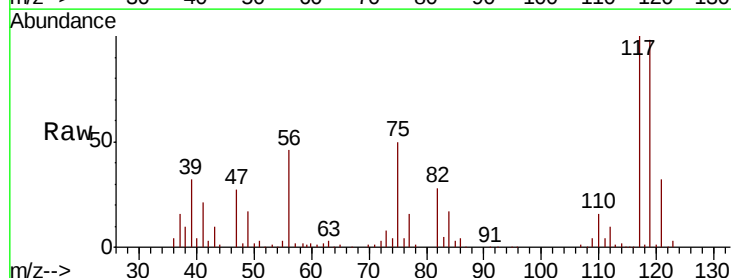


Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 70.00 (69.70 to 70.70): VY0

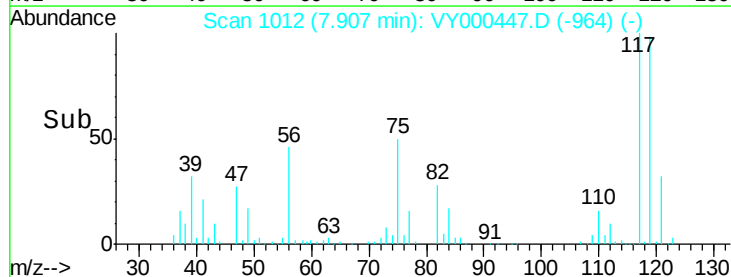
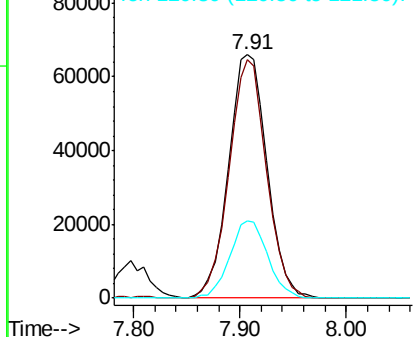


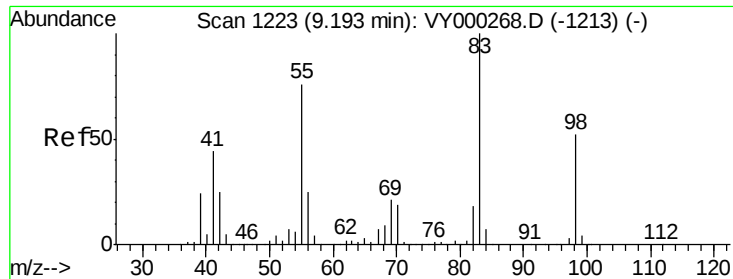
#38
Carbon Tetrachloride
Concen: 51.852 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.01 min
Lab File: VY000447.D
Acq: 28 Oct 2019 11:48

Tgt Ion: 117 Resp: 166850
Ion Ratio Lower Upper
117 100
119 98.1 72.8 109.2
121 31.8 22.2 33.2



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

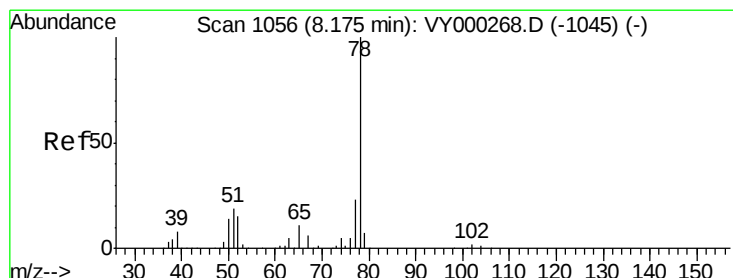
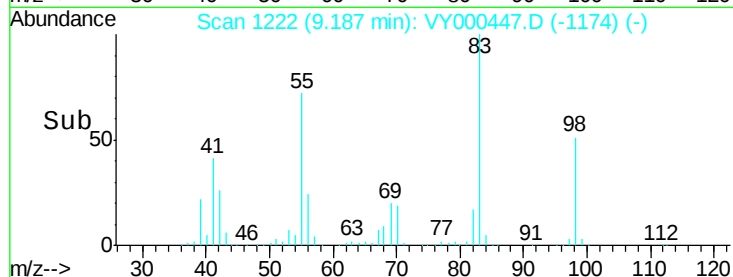
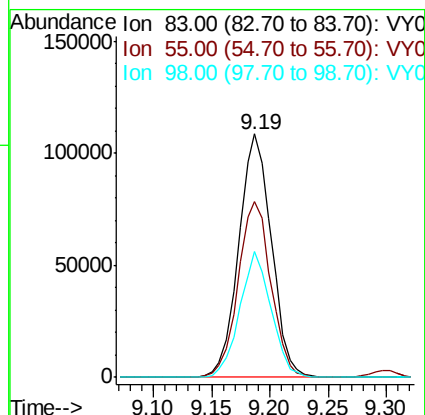
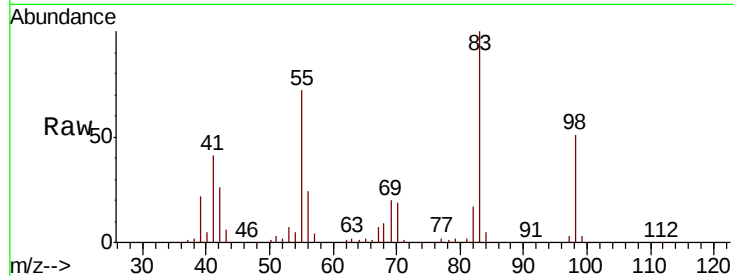




#39
Methvlcvclohexane
Concen: 48.869 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.01 min
Lab File: VY000447.D
Acq: 28 Oct 2019 11:48

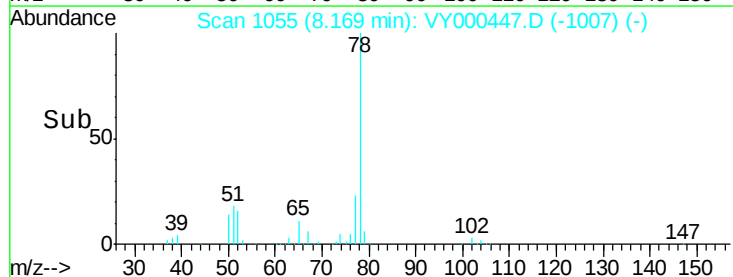
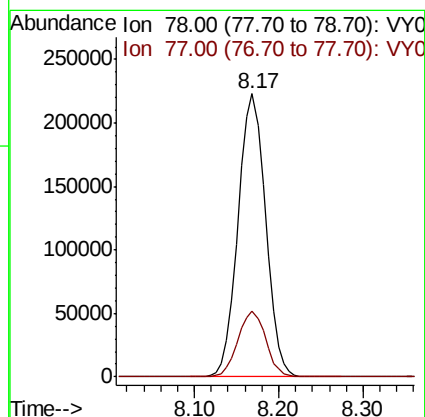
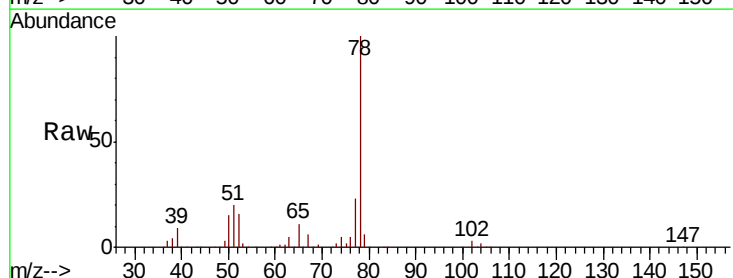
Instrument :
MSVOA_Y
ClientSampleId :

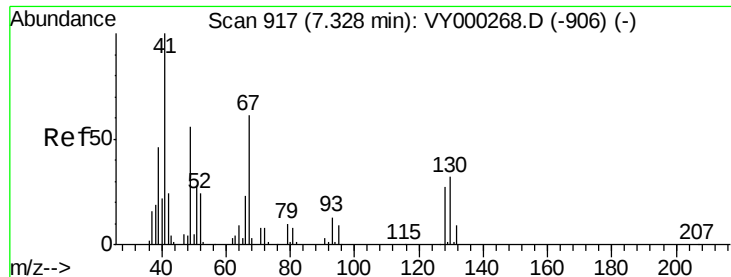
Tot Ion: 83 Resp: 212564
Ion Ratio Lower Upper
83 100
55 72.2 60.9 91.3
98 51.5 41.8 62.6



#40
Benzene
Concen: 51.147 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. -0.01 min
Lab File: VY000447.D
Acq: 28 Oct 2019 11:48

Tgt Ion: 78 Resp: 491226
Ion Ratio Lower Upper
78 100
77 23.3 18.8 28.2

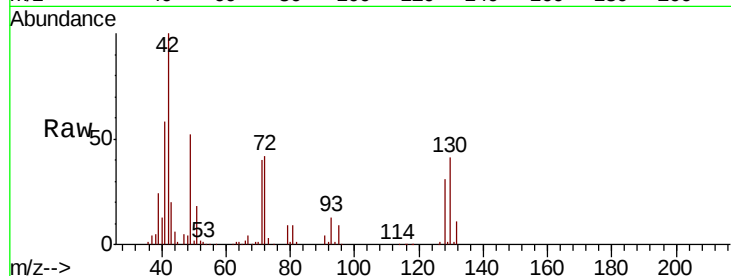




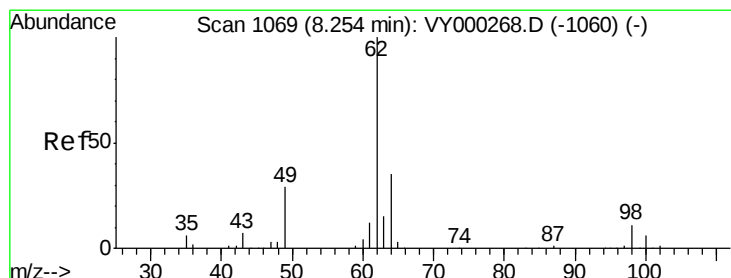
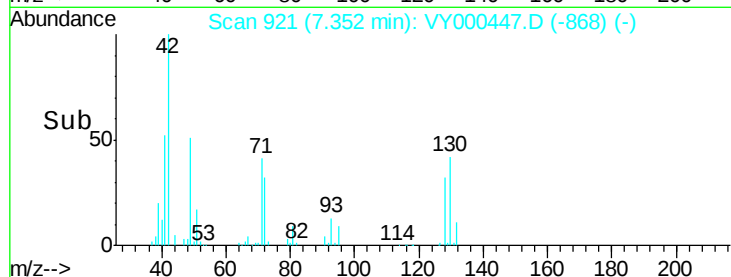
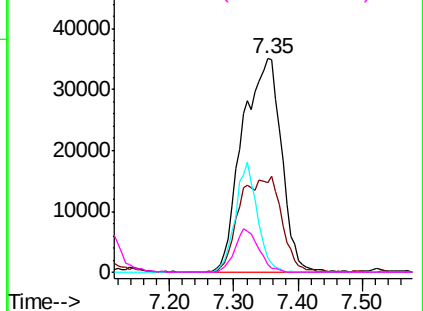
#41
Methacrylonitrile
Concen: 157.302 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.02 min
Lab File: VY000447.D
Acq: 28 Oct 2019 11:48

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 41 Resp: 147344
Ion Ratio Lower Upper
41 100
39 0.0 110.2 165.2#
67 0.0 0.0 0.0
52 0.0 0.0 0.0

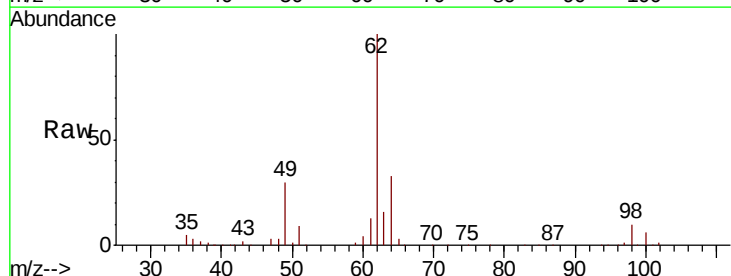


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

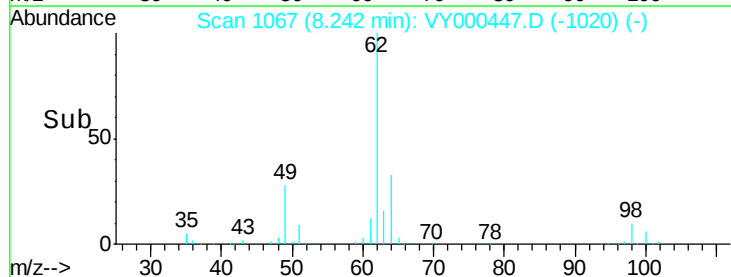
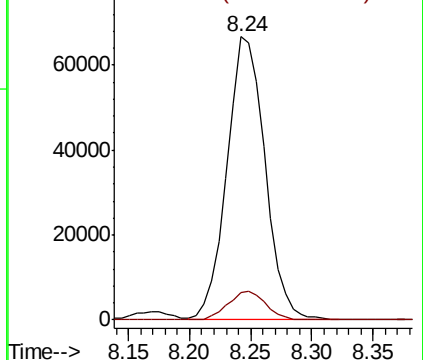


#42
1,2-Dichloroethane
Concen: 52.182 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. -0.01 min
Lab File: VY000447.D
Acq: 28 Oct 2019 11:48

Tgt Ion: 62 Resp: 143157
Ion Ratio Lower Upper
62 100
98 10.1 0.0 20.6



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





#43

Isopropyl Acetate

Concen: 55.918 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. -0.01 min

Lab File: VY000447.D

Acq: 28 Oct 2019 11:48

Instrument :

MSVOA_Y

ClientSampleId :

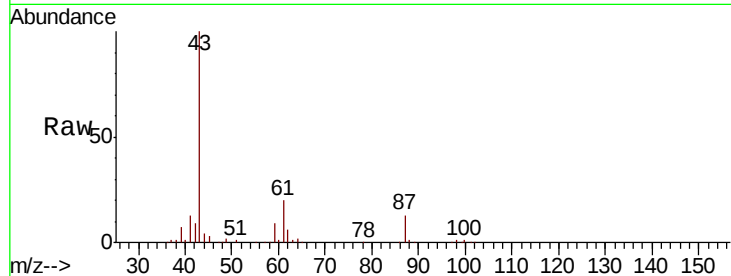
Tot Ion: 43 Resp: 209228

Ion Ratio Lower Upper

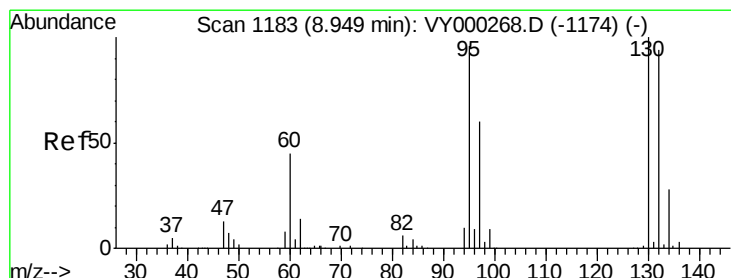
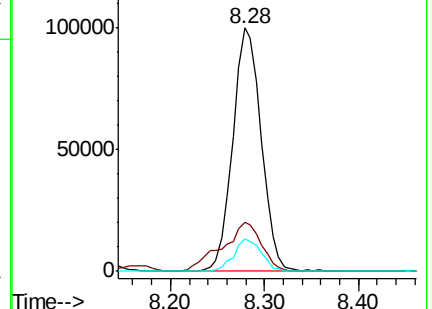
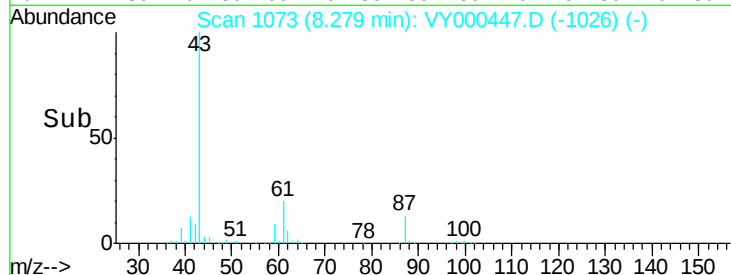
43 100

61 27.9 22.3 33.5

87 13.0 10.9 16.3



Abundance Ion 43.00 (42.70 to 43.70): VY000447.D (-1026) (-)



#44

Trichloroethene

Concen: 48.438 ug/l

RT: 8.94 min Scan# 1182

Delta R.T. -0.01 min

Lab File: VY000447.D

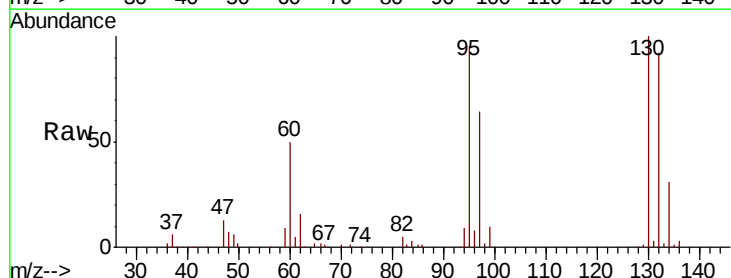
Acq: 28 Oct 2019 11:48

Tgt Ion: 130 Resp: 130531

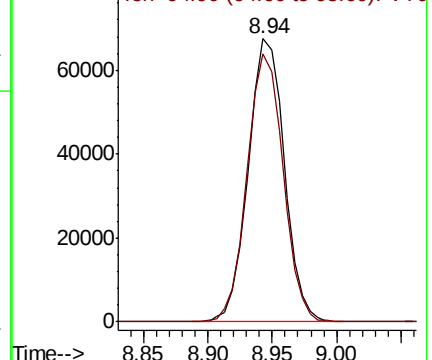
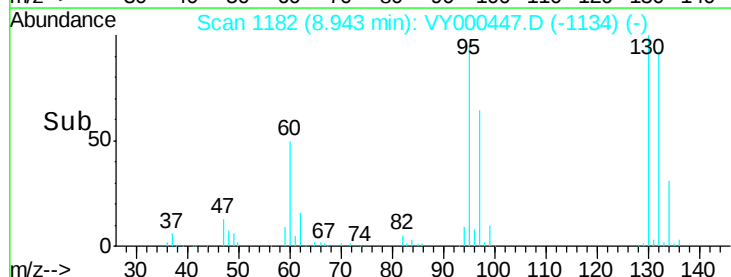
Ion Ratio Lower Upper

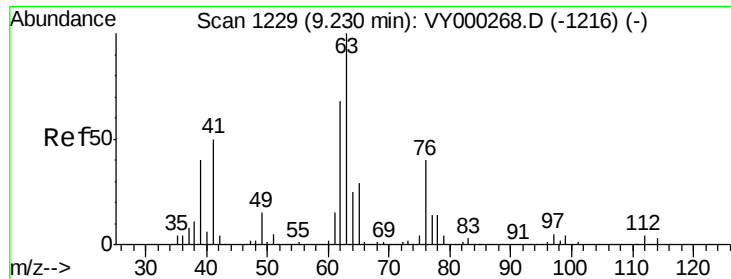
130 100

95 94.6 0.0 191.4



Abundance Ion 129.80 (129.50 to 130.50): VY000447.D (-1134) (-)

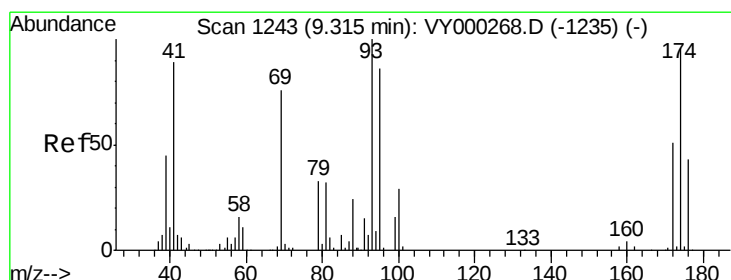
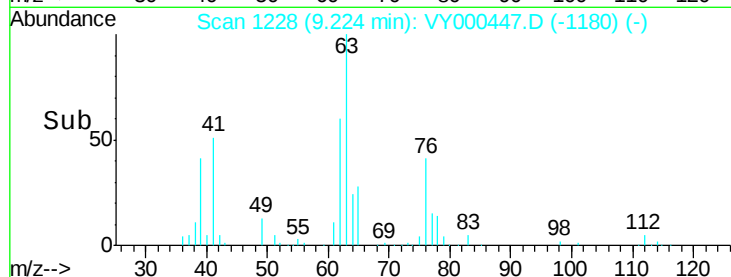
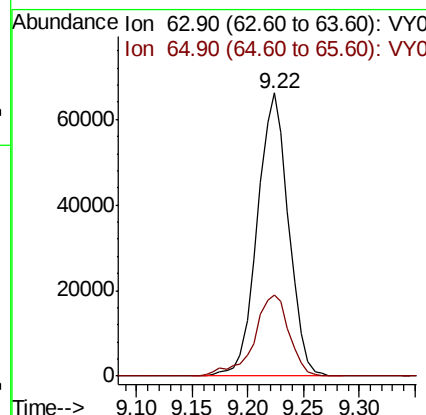
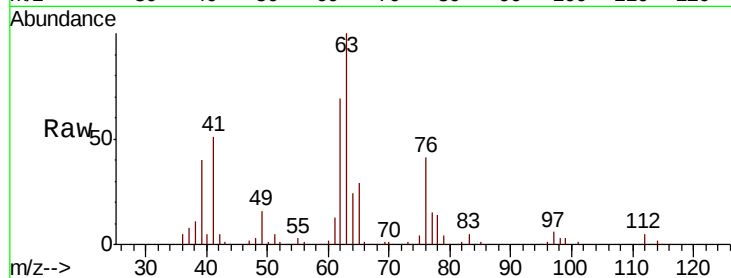




#45
 1,2-Dichloropropane
 Concen: 54.889 ug/l
 RT: 9.22 min Scan# 1228
 Delta R.T. -0.01 min
 Lab File: VY000447.D
 Acq: 28 Oct 2019 11:48

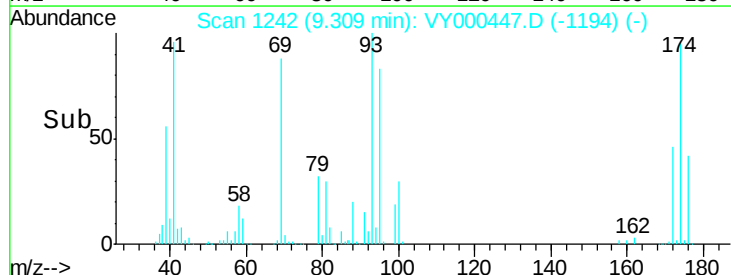
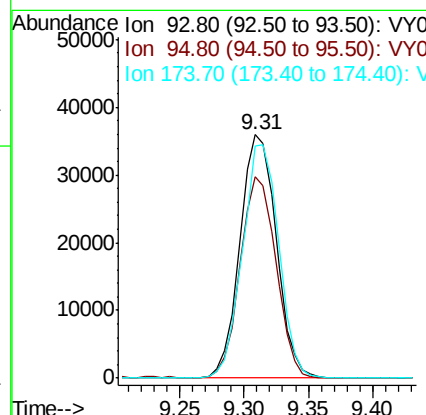
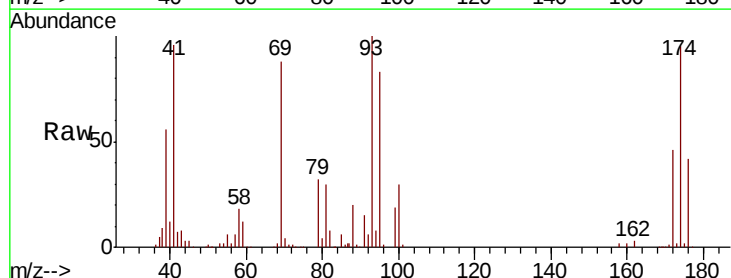
Instrument :
 MSVOA_Y
 ClientSampleId :

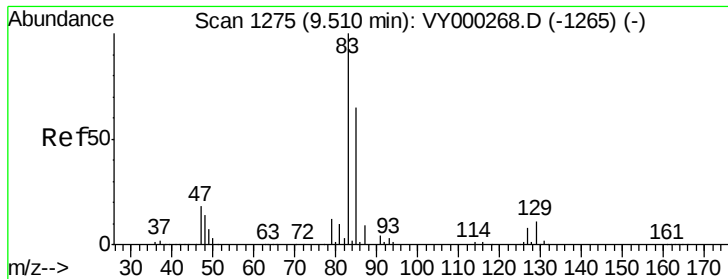
Tot Ion: 63 Resp: 129368
 Ion Ratio Lower Upper
 63 100
 65 28.6 23.2 34.8



#46
 Dibromomethane
 Concen: 53.417 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. -0.01 min
 Lab File: VY000447.D
 Acq: 28 Oct 2019 11:48

Tgt Ion: 93 Resp: 70379
 Ion Ratio Lower Upper
 93 100
 95 81.6 68.2 102.2
 174 95.5 79.8 119.6





#47

Bromodichloromethane

Concen: 53.859 ug/l

RT: 9.50 min Scan# 1274

Delta R.T. -0.01 min

Lab File: VY000447.D

Acq: 28 Oct 2019 11:48

Instrument :

MSVOA_Y

ClientSampleId :

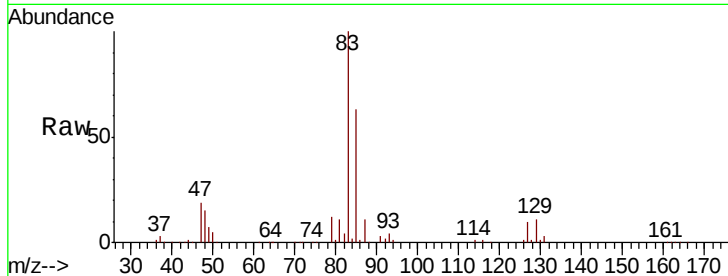
Tot Ion: 83 Resp: 167235

Ion Ratio Lower Upper

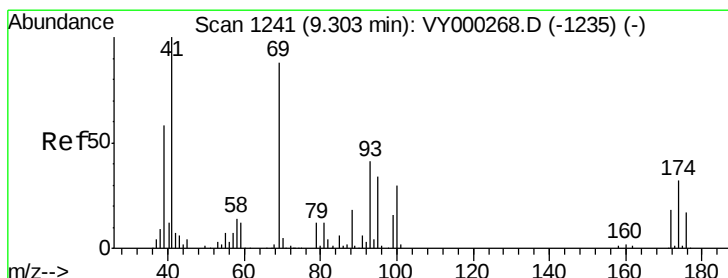
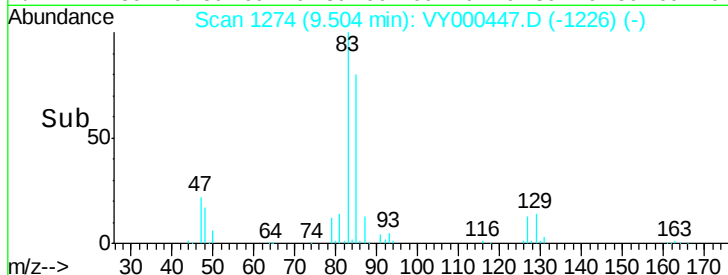
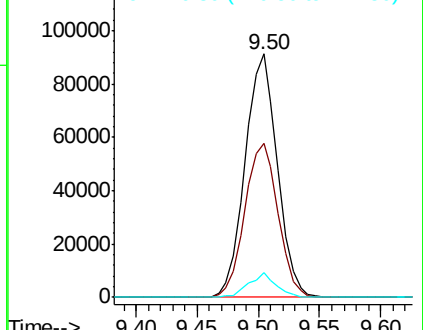
83 100

85 63.3 52.2 78.2

127 10.1 6.3 9.5#



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): VY0



#48

Methyl methacrylate

Concen: 54.618 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. -0.01 min

Lab File: VY000447.D

Acq: 28 Oct 2019 11:48

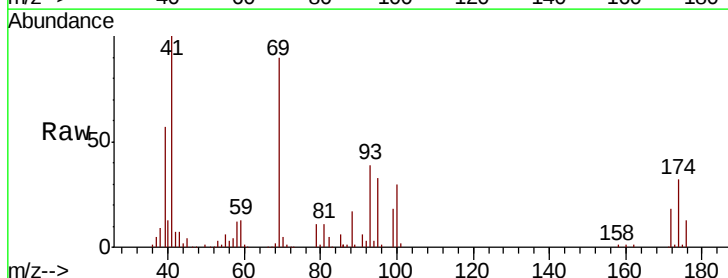
Tgt Ion: 41 Resp: 89562

Ion Ratio Lower Upper

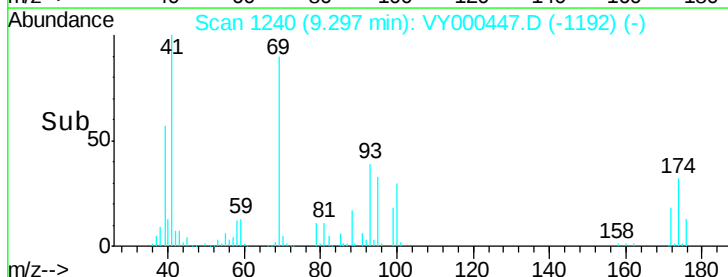
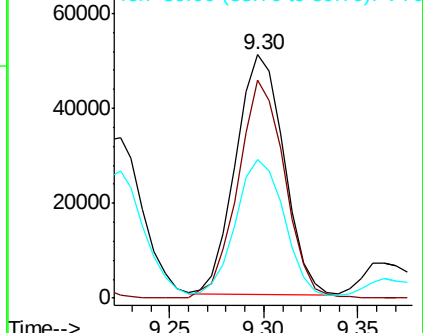
41 100

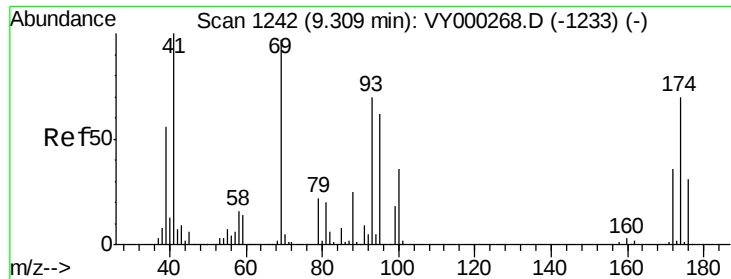
69 88.4 70.0 105.0

39 59.4 47.7 71.5



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

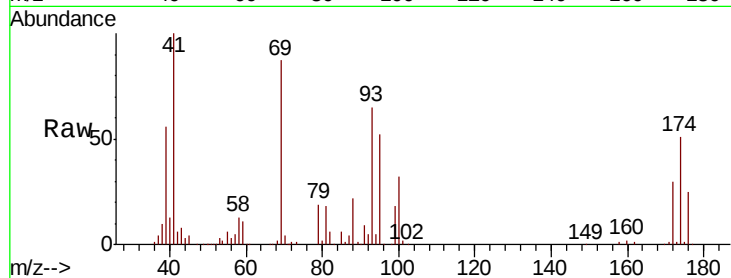




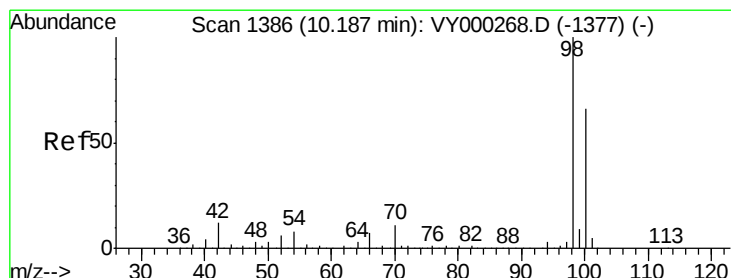
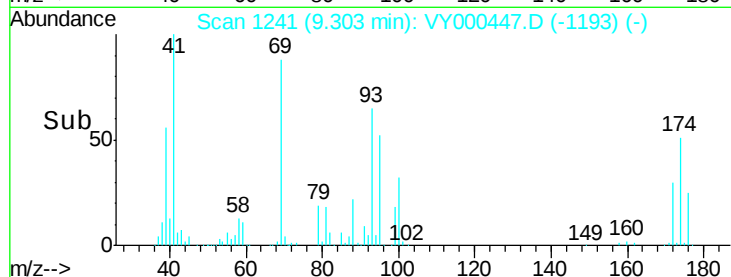
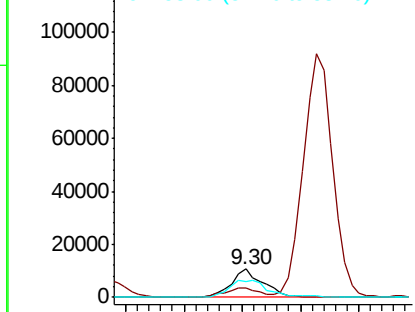
#49
1,4-Dioxane
Concen: 1052.037 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. -0.01 min
Lab File: VY000447.D
Acq: 28 Oct 2019 11:48

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 88 Resp: 20783
Ion Ratio Lower Upper
88 100
43 36.8 25.6 38.4
58 75.3 54.6 81.8

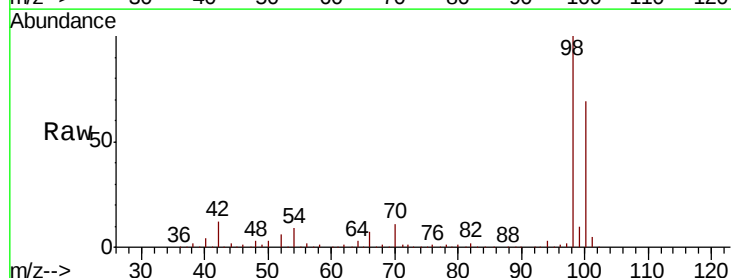


Abundance Ion 88.00 (87.70 to 88.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 58.00 (57.70 to 58.70): VY0

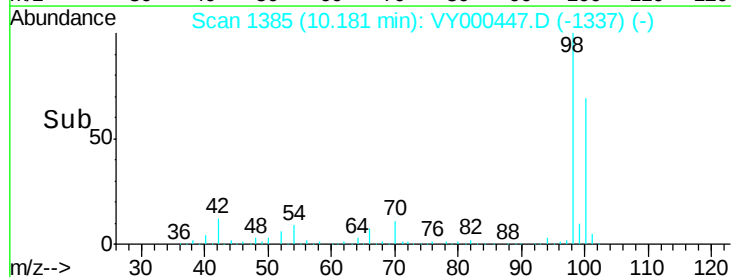
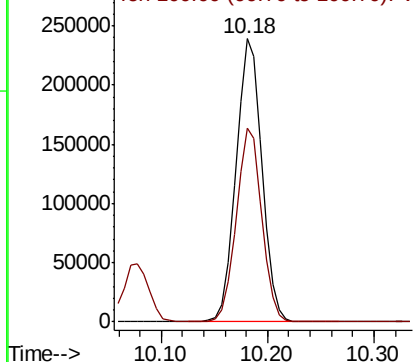


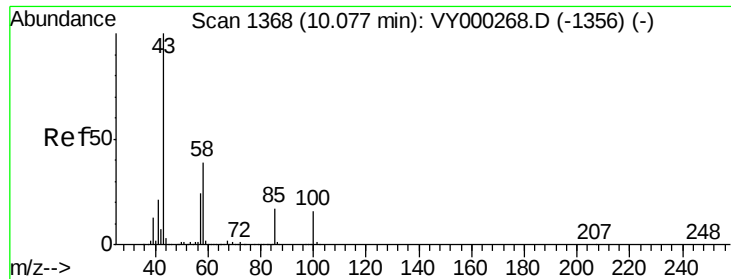
#50
Toluene-d8
Concen: 51.724 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.01 min
Lab File: VY000447.D
Acq: 28 Oct 2019 11:48

Tgt Ion: 98 Resp: 407402
Ion Ratio Lower Upper
98 100
100 67.3 52.8 79.2



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

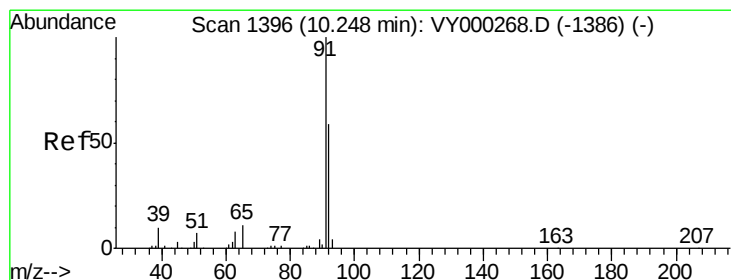
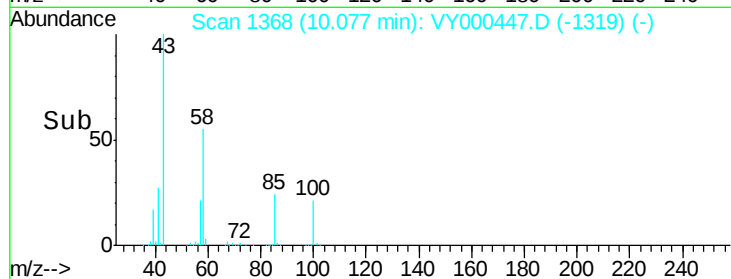
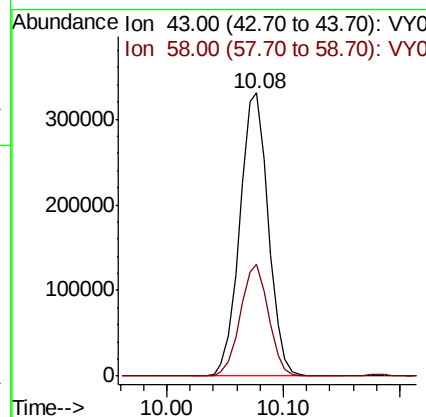
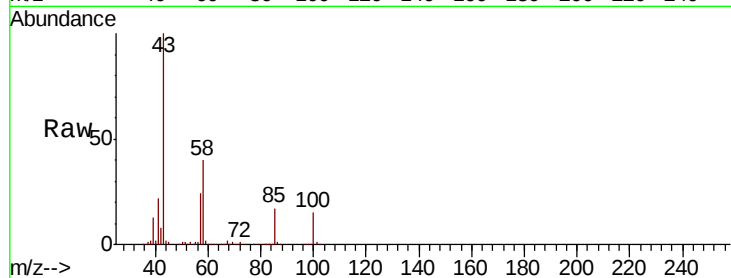




#51
4-Methyl-2-Pentanone
Concen: 291.984 ug/l
RT: 10.08 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VY000447.D
Acq: 28 Oct 2019 11:48

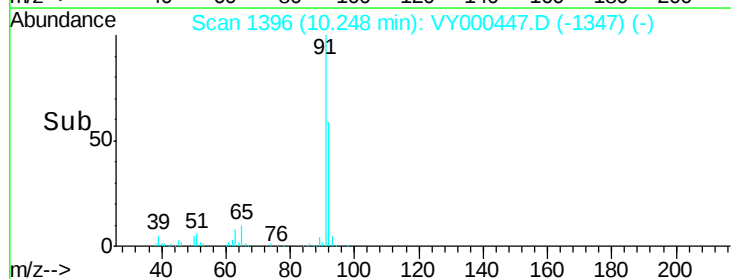
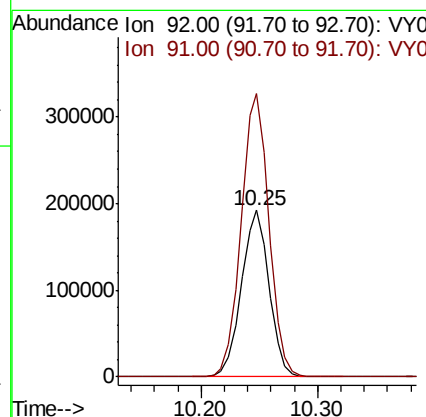
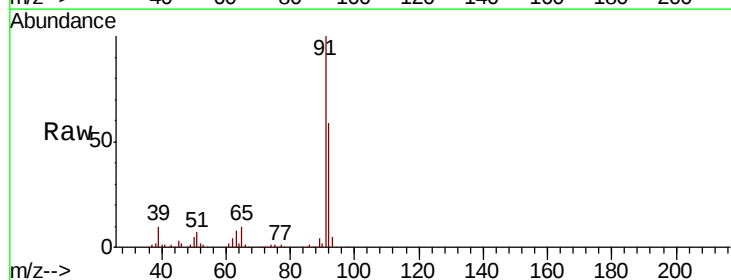
Instrument :
MSVOA_Y
ClientSampled :

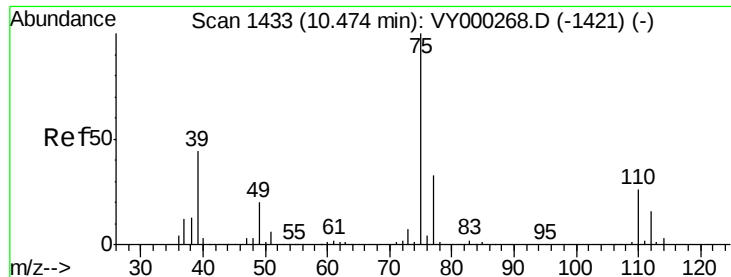
Tot Ion: 43 Resp: 563487
Ion Ratio Lower Upper
43 100
58 39.2 31.0 46.6



#52
Toluene
Concen: 52.148 ug/l
RT: 10.25 min Scan# 1396
Delta R.T. -0.00 min
Lab File: VY000447.D
Acq: 28 Oct 2019 11:48

Tgt Ion: 92 Resp: 317982
Ion Ratio Lower Upper
92 100
91 170.5 136.6 205.0

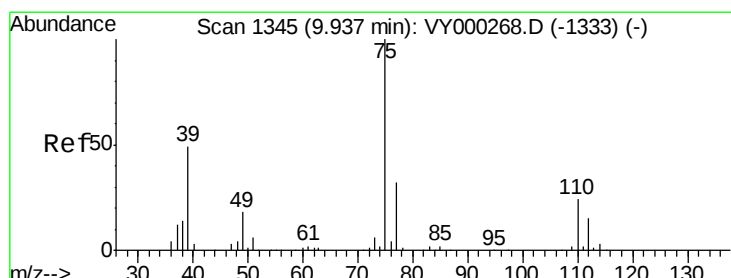
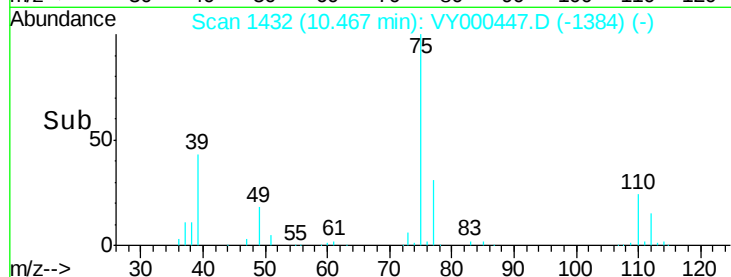
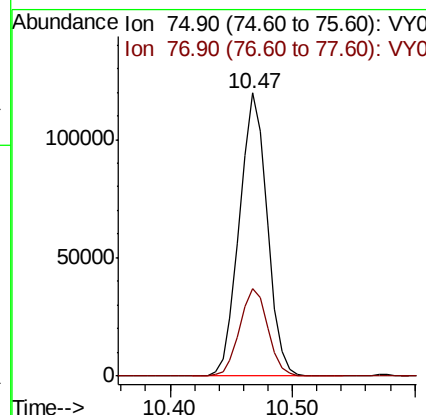
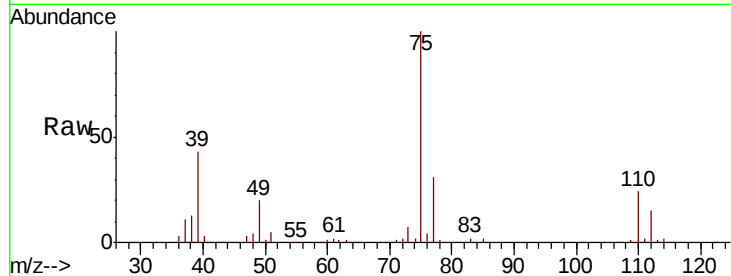




#53
 t-1,3-Dichloropropene
 Concen: 56.390 ug/l
 RT: 10.47 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: VY000447.D
 Acq: 28 Oct 2019 11:48

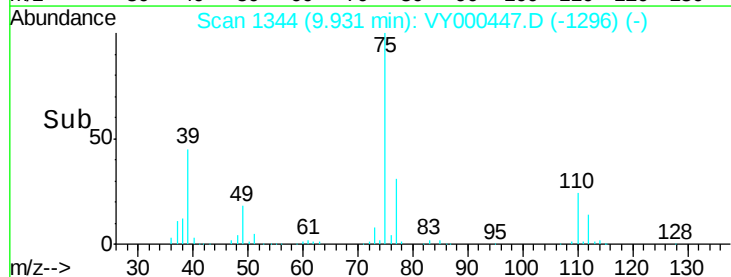
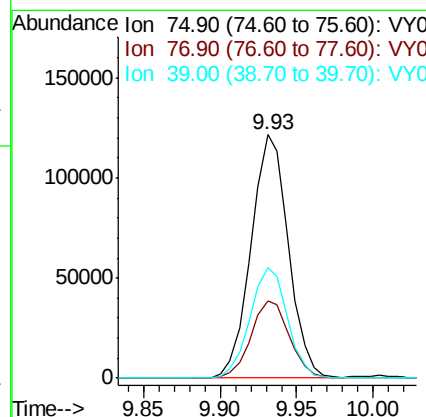
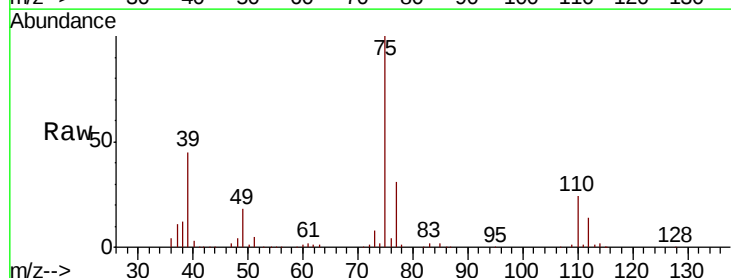
Instrument :
 MSVOA_Y
 ClientSampled :

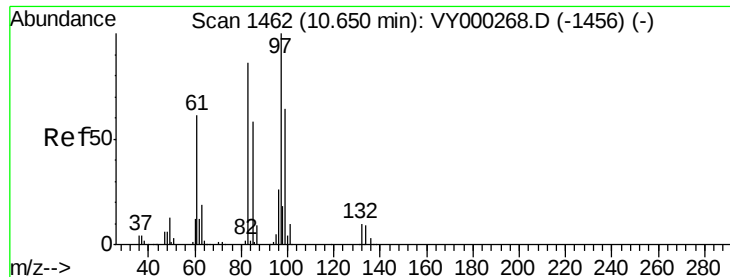
Tot Ion: 75 Resp: 187651
 Ion Ratio Lower Upper
 75 100
 77 30.9 26.0 39.0



#54
 cis-1,3-Dichloropropene
 Concen: 54.627 ug/l
 RT: 9.93 min Scan# 1344
 Delta R.T. -0.01 min
 Lab File: VY000447.D
 Acq: 28 Oct 2019 11:48

Tgt Ion: 75 Resp: 206439
 Ion Ratio Lower Upper
 75 100
 77 31.5 26.0 39.0
 39 45.4 38.8 58.2

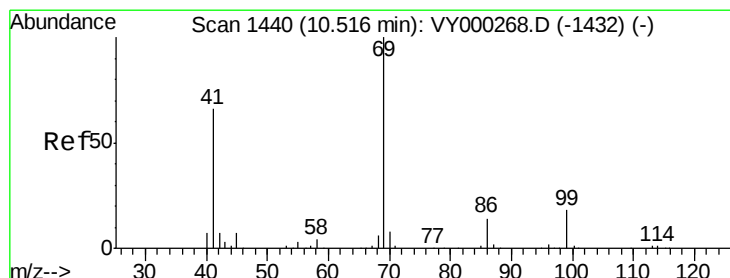
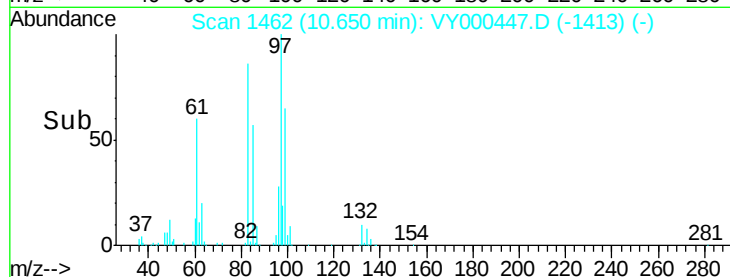
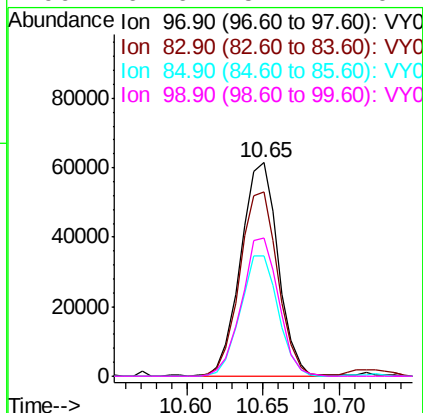
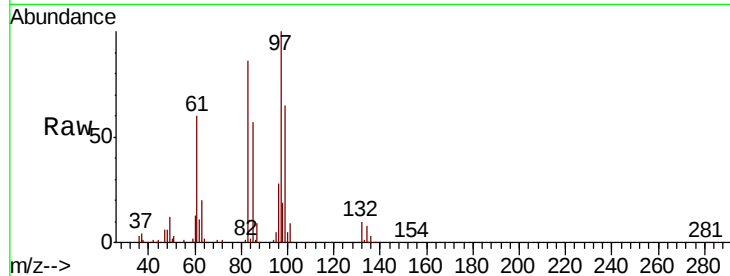




#55
 1,1,2-Trichloroethane
 Concen: 54.224 ug/l
 RT: 10.65 min Scan# 1462
 Delta R.T. -0.00 min
 Lab File: VY000447.D
 Acq: 28 Oct 2019 11:48

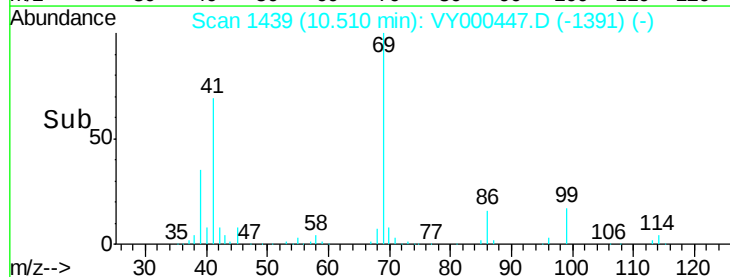
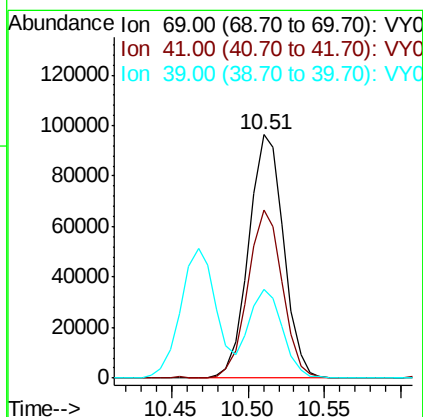
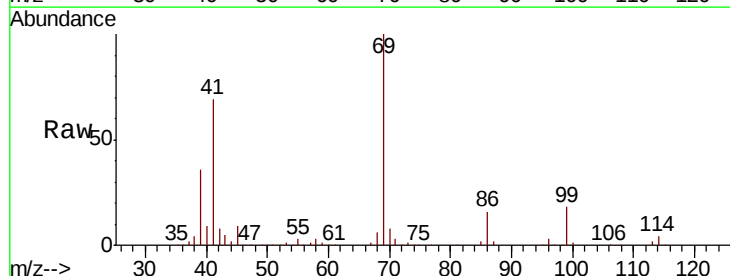
Instrument :
 MSVOA_Y
 ClientSampleId :

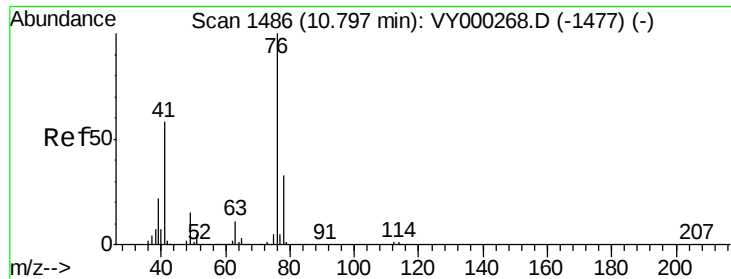
Tot Ion:	97	Resp:	103875
Ion	Ratio	Lower	Upper
97	100		
83	86.3	69.0	103.6
85	56.7	46.2	69.4
99	64.6	51.1	76.7



#56
 Ethyl methacrylate
 Concen: 56.141 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. -0.01 min
 Lab File: VY000447.D
 Acq: 28 Oct 2019 11:48

Tgt Ion:	69	Resp:	153295
Ion	Ratio	Lower	Upper
69	100		
41	67.9	52.5	78.7
39	35.0	26.7	40.1





#57

1,3-Dichloropropane

Concen: 54.949 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. -0.01 min

Lab File: VY000447.D

Acq: 28 Oct 2019 11:48

Instrument :

MSVOA_Y

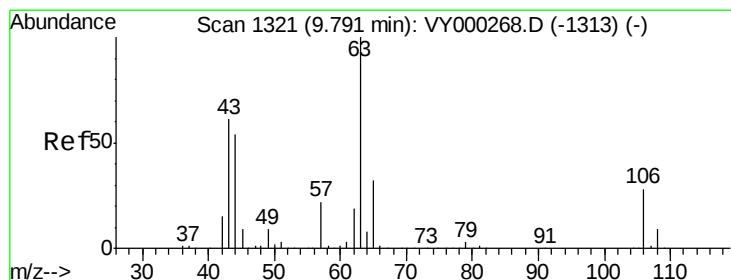
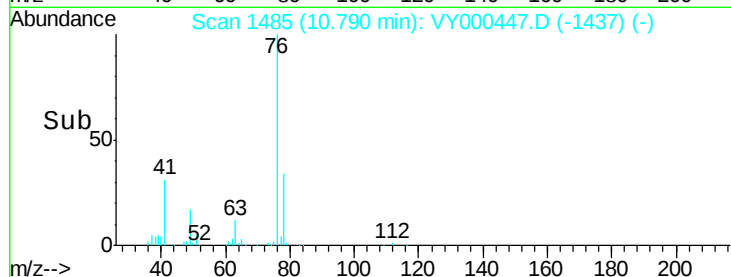
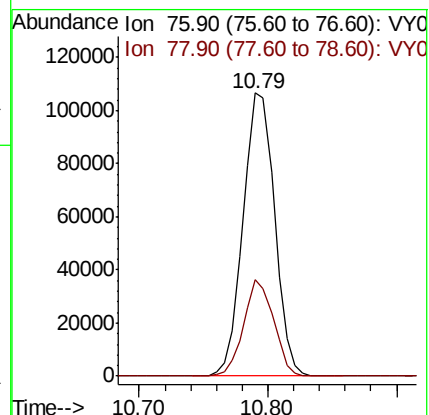
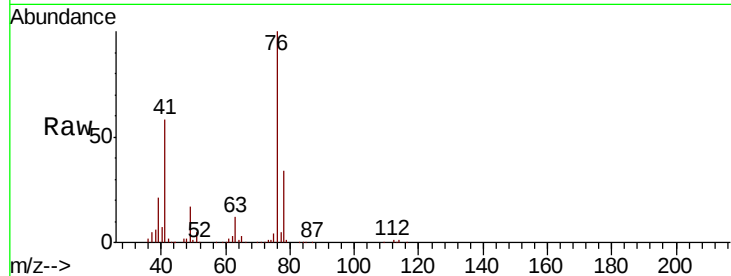
ClientSampled :

Tot Ion: 76 Resp: 180780

Ion Ratio Lower Upper

76 100

78 32.5 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 304.550 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. -0.01 min

Lab File: VY000447.D

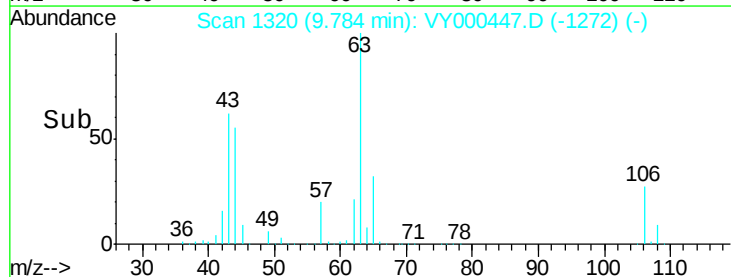
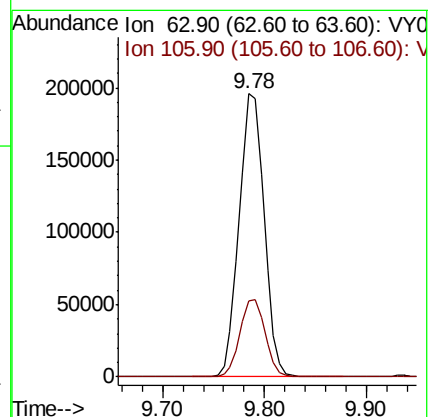
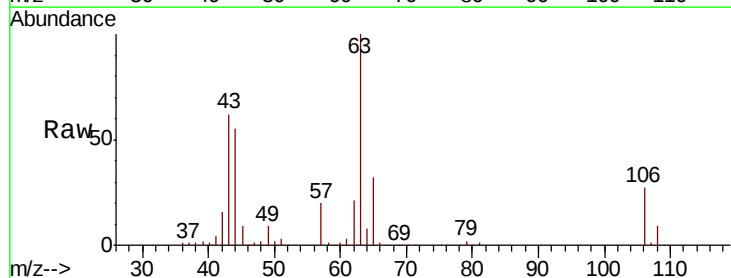
Acq: 28 Oct 2019 11:48

Tgt Ion: 63 Resp: 331691

Ion Ratio Lower Upper

63 100

106 27.5 23.0 34.4

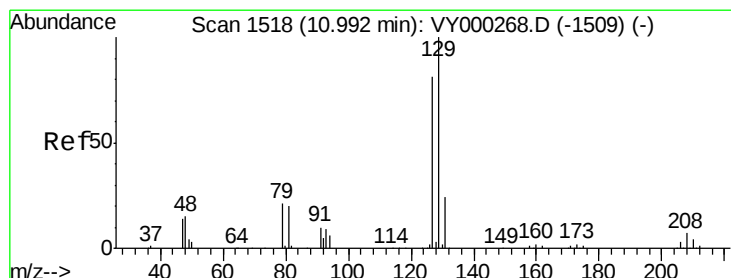
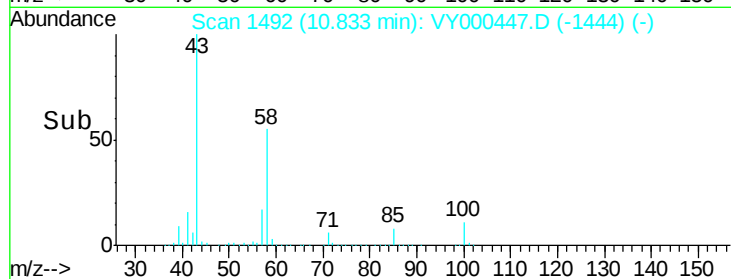
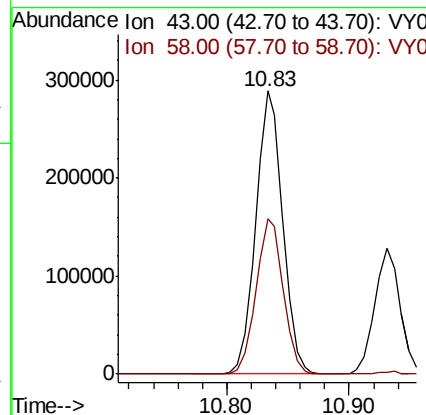
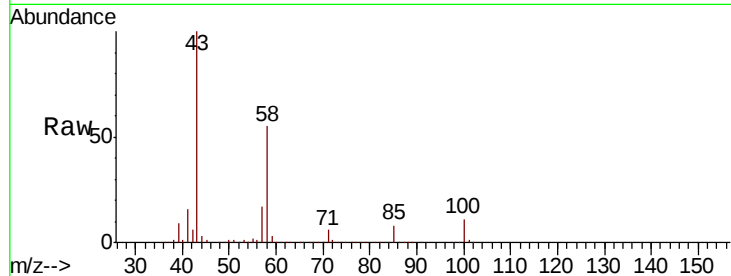




#59
2-Hexanone
Concen: 327.358 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.01 min
Lab File: VY000447.D
Acq: 28 Oct 2019 11:48

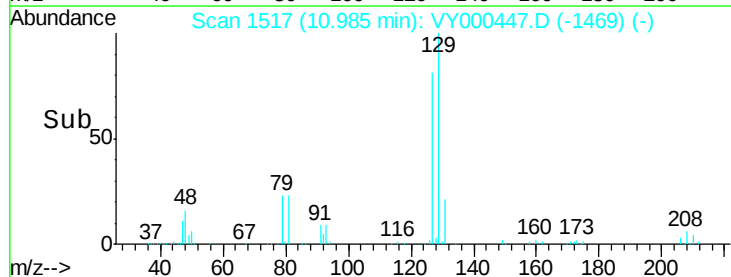
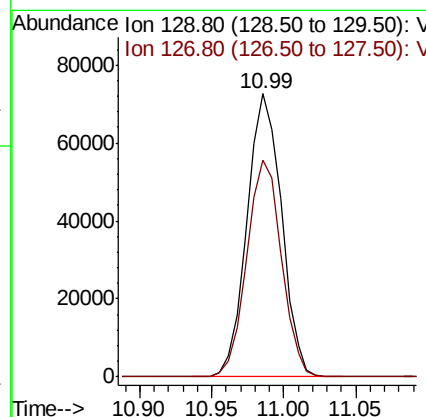
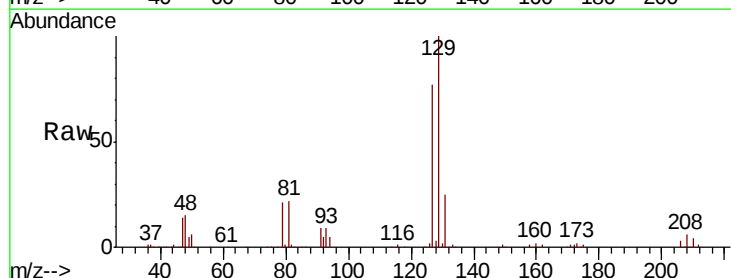
Instrument :
MSVOA_Y
ClientSampleId :

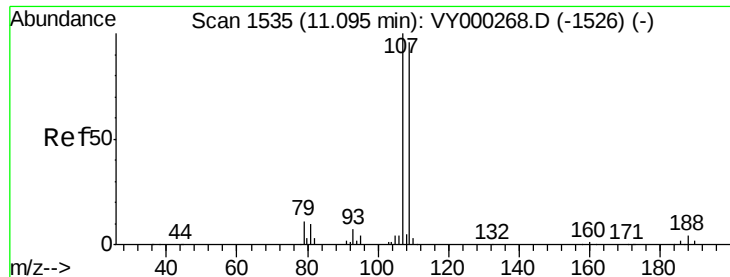
Tot Ion: 43 Resp: 443437
Ion Ratio Lower Upper
43 100
58 55.4 27.7 83.1



#60
Dibromochloromethane
Concen: 56.619 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.01 min
Lab File: VY000447.D
Acq: 28 Oct 2019 11:48

Tgt Ion:129 Resp: 120219
Ion Ratio Lower Upper
129 100
127 77.0 39.9 119.7

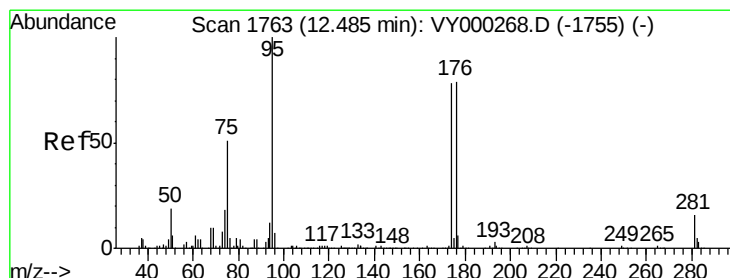
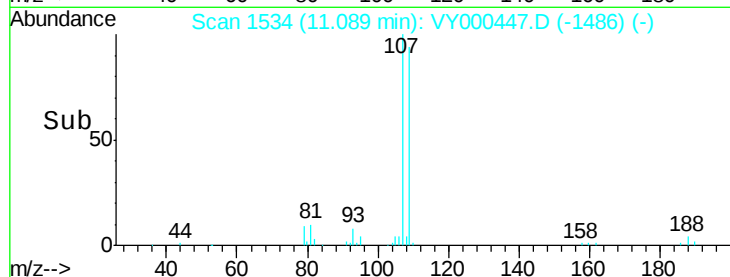
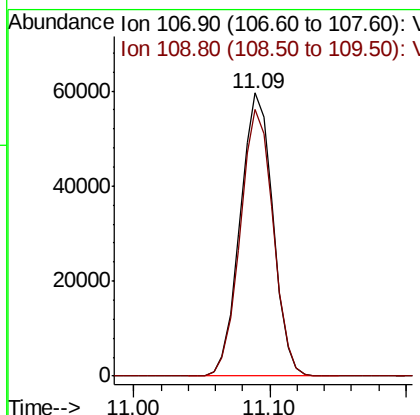
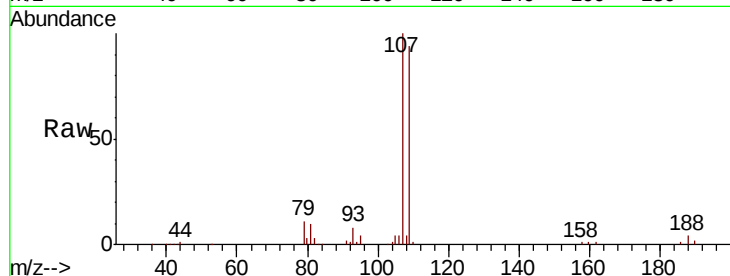




#61
 1,2-Dibromoethane
 Concen: 54.580 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.01 min
 Lab File: VY000447.D
 Acq: 28 Oct 2019 11:48

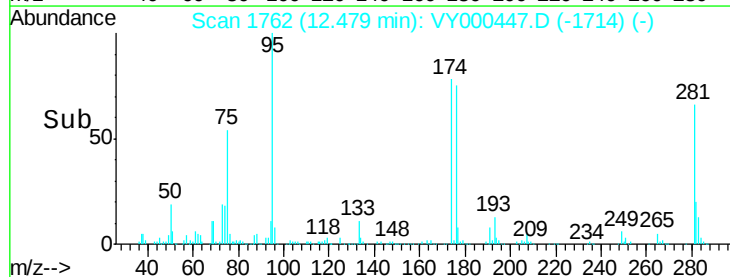
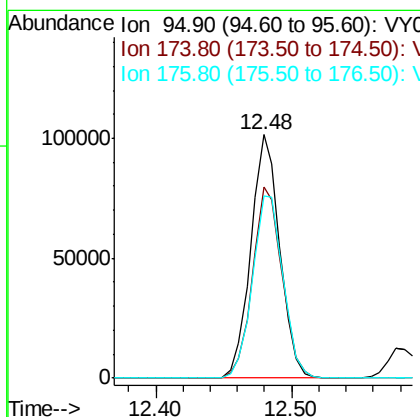
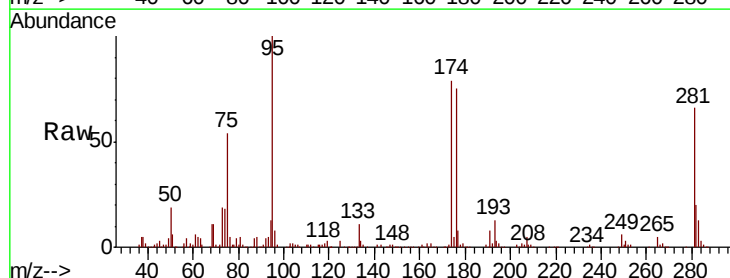
Instrument :
 MSVOA_Y
 ClientSampleId :

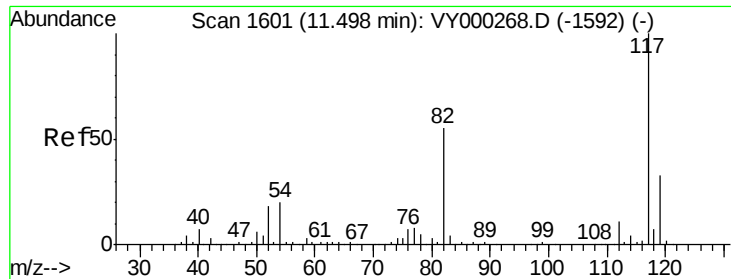
Tot Ion: 107 Resp: 100392
 Ion Ratio Lower Upper
 107 100
 109 94.6 75.1 112.7



#62
 4-Bromofluorobenzene
 Concen: 50.576 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.01 min
 Lab File: VY000447.D
 Acq: 28 Oct 2019 11:48

Tgt Ion: 95 Resp: 151340
 Ion Ratio Lower Upper
 95 100
 174 80.1 0.0 159.6
 176 79.4 0.0 153.8

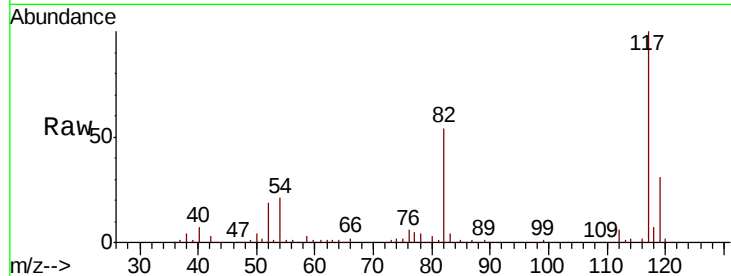




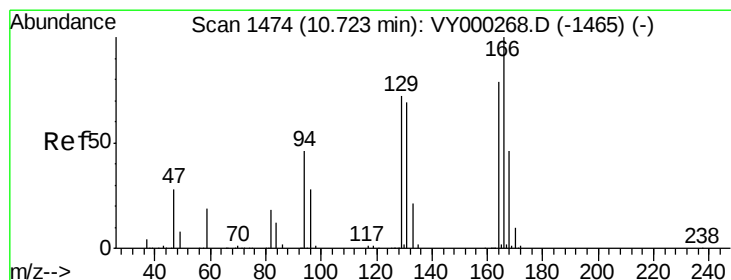
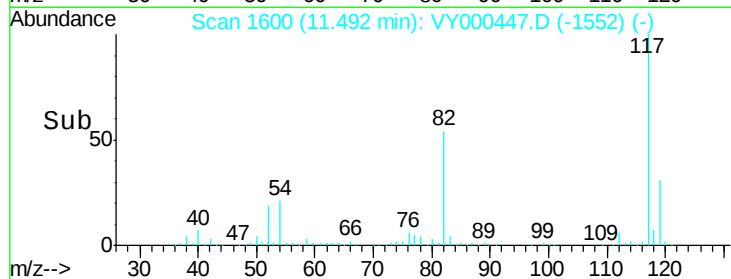
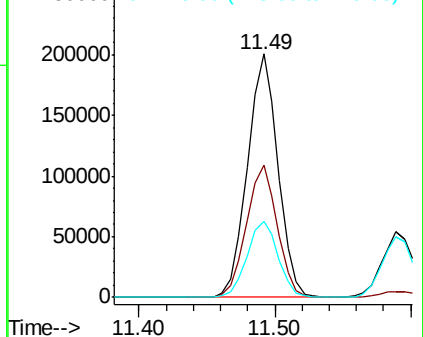
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY000447.D
Acq: 28 Oct 2019 11:48

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:117 Resp: 314984
Ion Ratio Lower Upper
117 100
82 54.3 43.7 65.5
119 31.1 26.6 39.8

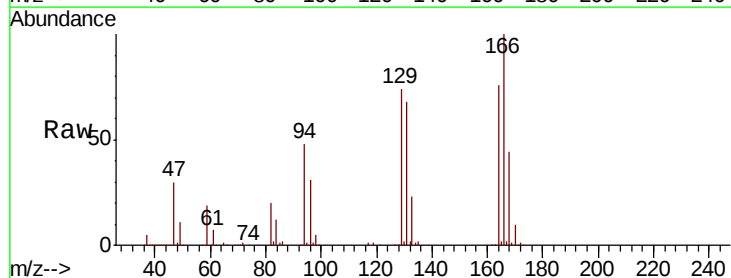


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

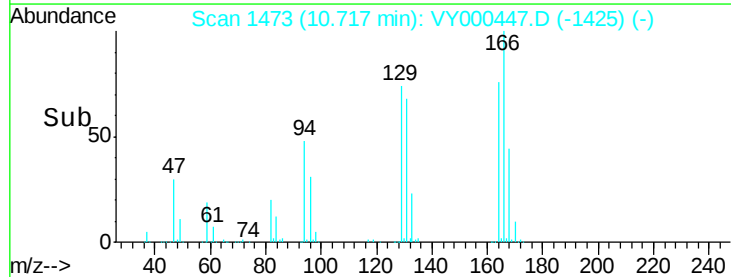
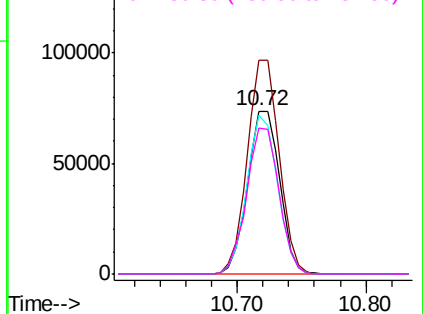


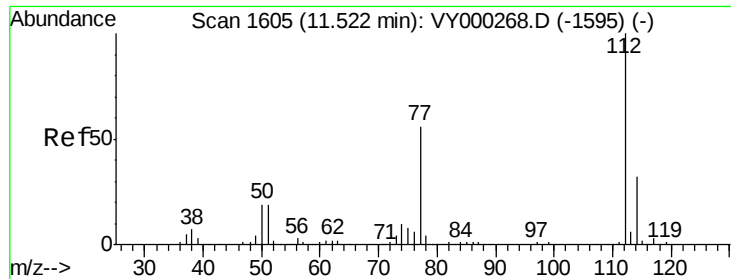
#64
Tetrachloroethene
Concen: 42.329 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.01 min
Lab File: VY000447.D
Acq: 28 Oct 2019 11:48

Tgt Ion:164 Resp: 126931
Ion Ratio Lower Upper
164 100
166 130.8 100.6 151.0
129 97.3 72.8 109.2
131 89.5 69.4 104.2



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

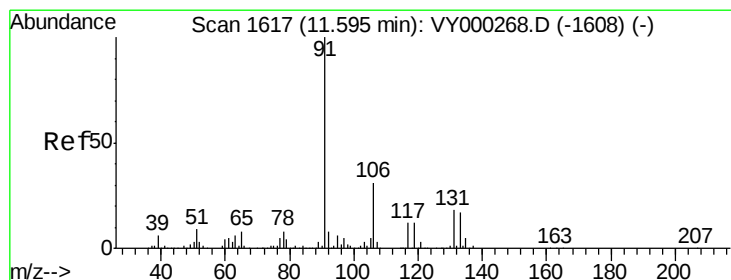
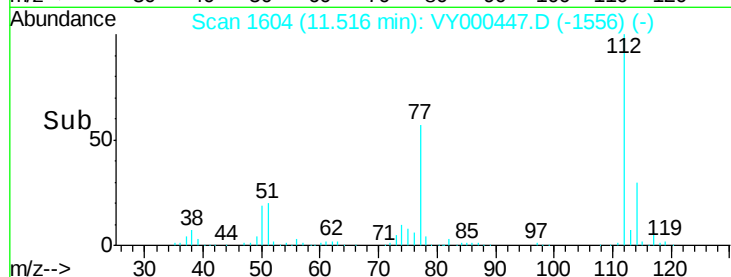
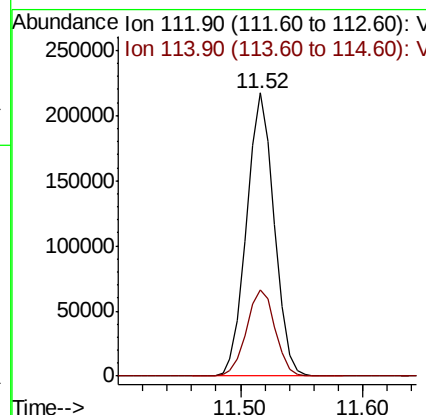
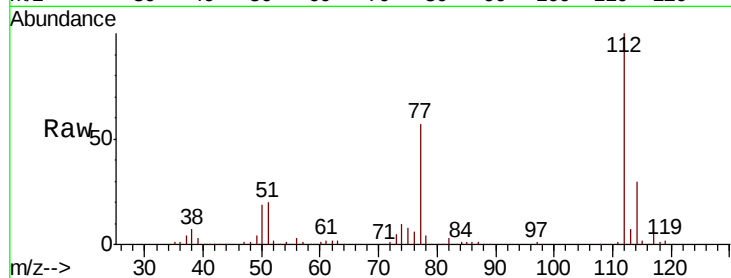




#65
Chlorobenzene
Concen: 51.175 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.01 min
Lab File: VY000447.D
Acq: 28 Oct 2019 11:48

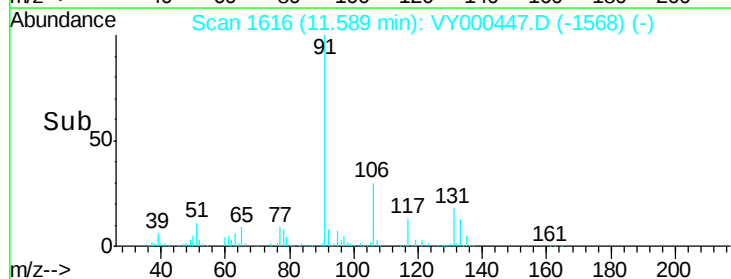
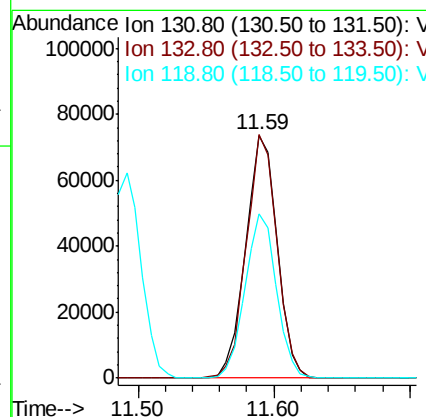
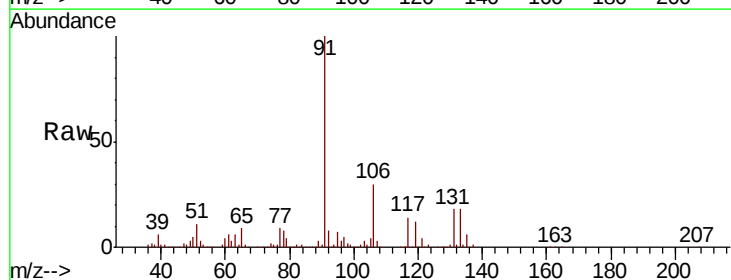
Instrument :
MSVOA_Y
ClientSampleId :

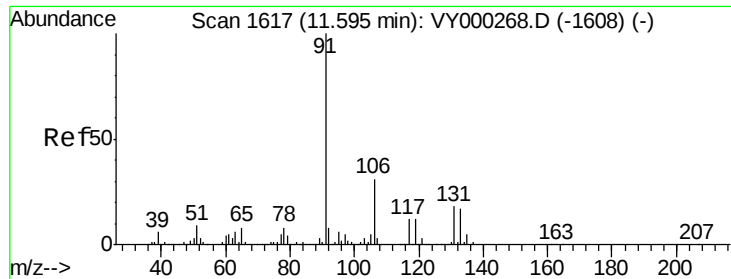
Tot Ion:112 Resp: 340190
Ion Ratio Lower Upper
112 100
114 30.4 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 51.173 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.01 min
Lab File: VY000447.D
Acq: 28 Oct 2019 11:48

Tgt Ion:131 Resp: 119496
Ion Ratio Lower Upper
131 100
133 97.5 47.2 141.6
119 67.2 32.6 98.0

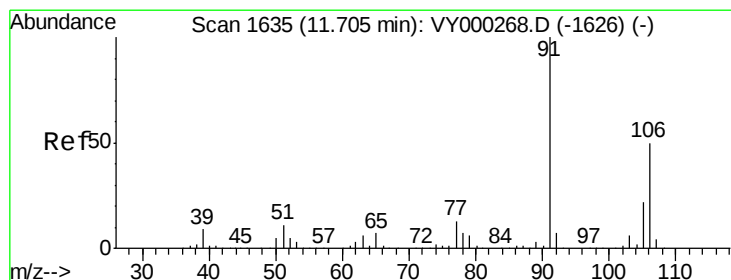
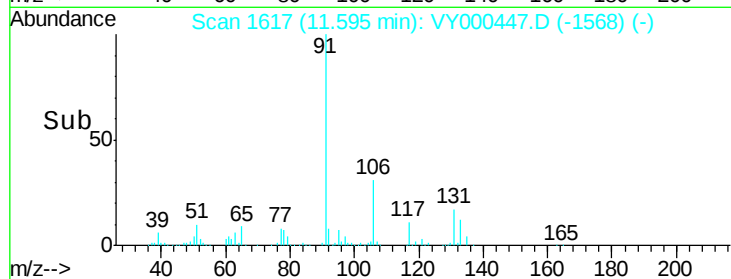
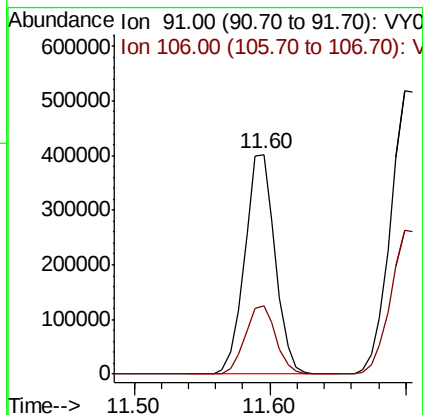
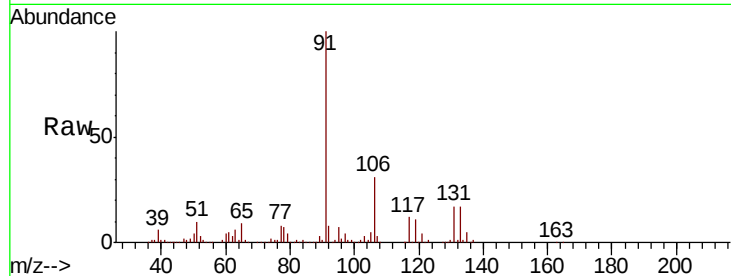




#67
Ethyl Benzene
Concen: 50.954 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. -0.00 min
Lab File: VY000447.D
Acq: 28 Oct 2019 11:48

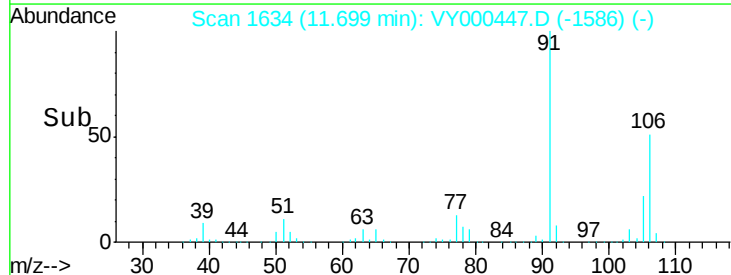
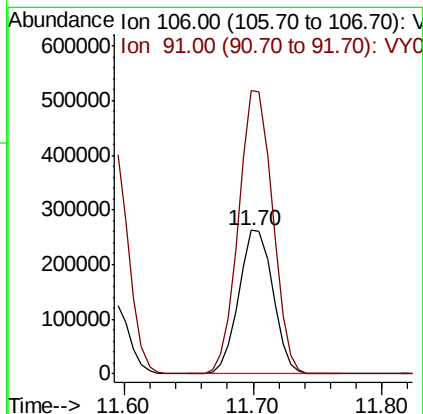
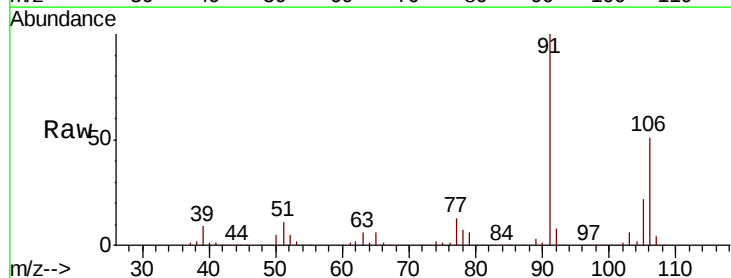
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 91 Resp: 627908
Ion Ratio Lower Upper
91 100
106 31.0 25.0 37.6



#68
m/p-Xylenes
Concen: 102.667 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. -0.01 min
Lab File: VY000447.D
Acq: 28 Oct 2019 11:48

Tgt Ion: 106 Resp: 483657
Ion Ratio Lower Upper
106 100
91 196.6 157.5 236.3

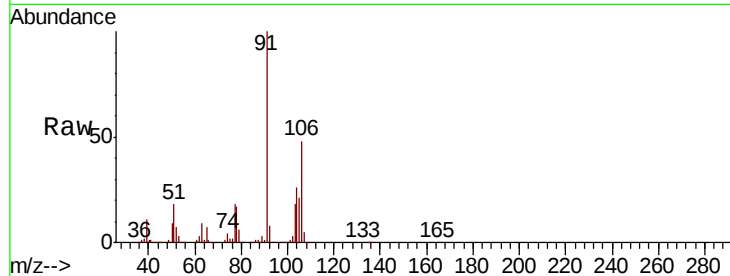




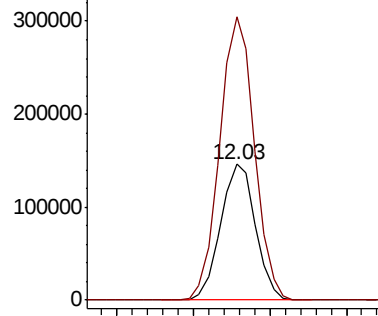
#69
o-Xylene
Concen: 51.488 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.01 min
Lab File: VY000447.D
Acq: 28 Oct 2019 11:48

Instrument :
MSVOA_Y
ClientSampleId :

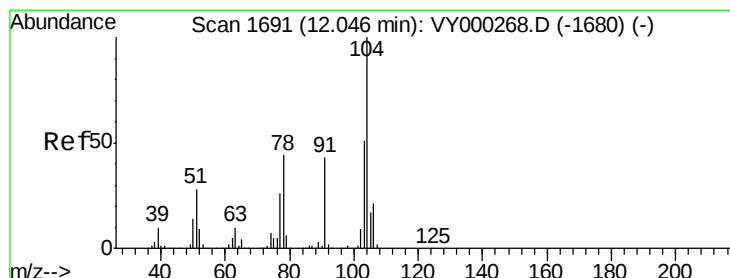
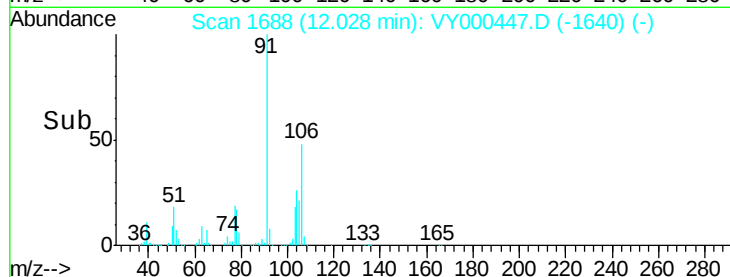
Tot Ion:106 Resp: 231392
Ion Ratio Lower Upper
106 100
91 207.1 104.7 313.9



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VY0

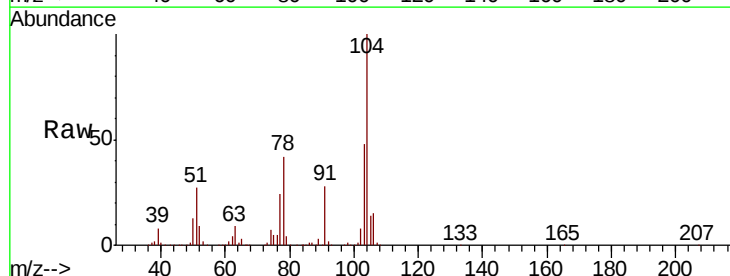


Time-->

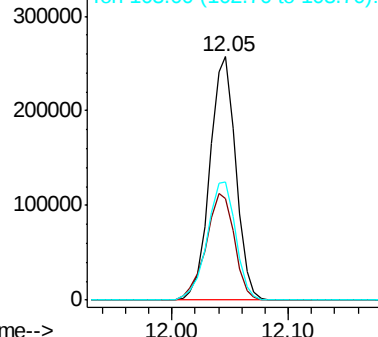


#70
Styrene
Concen: 52.820 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. -0.00 min
Lab File: VY000447.D
Acq: 28 Oct 2019 11:48

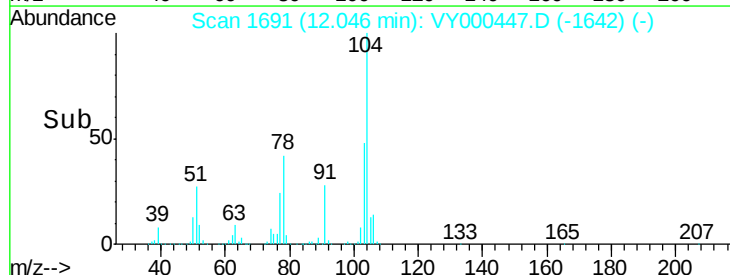
Tgt Ion:104 Resp: 400335
Ion Ratio Lower Upper
104 100
78 48.0 39.0 58.6
103 53.3 43.1 64.7

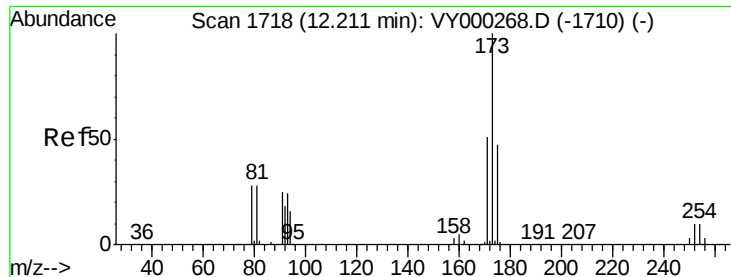


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VY0
Ion 103.00 (102.70 to 103.70): V



Time-->





#71

Bromoform

Concen: 56.723 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. -0.00 min

Lab File: VY000447.D

Acq: 28 Oct 2019 11:48

Instrument :

MSVOA_Y

ClientSampleId :

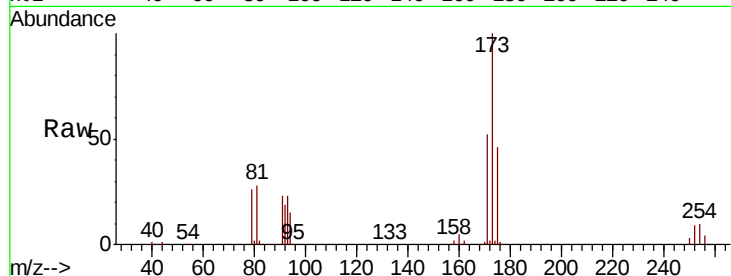
Tot Ion:173 Resp: 76144

Ion Ratio Lower Upper

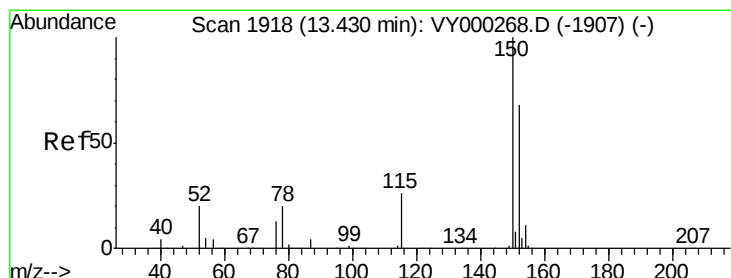
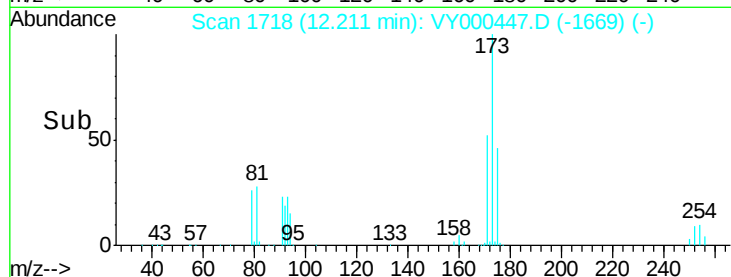
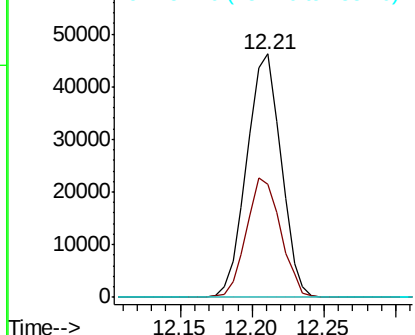
173 100

175 49.1 24.6 73.6

254 0.1 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. -0.01 min

Lab File: VY000447.D

Acq: 28 Oct 2019 11:48

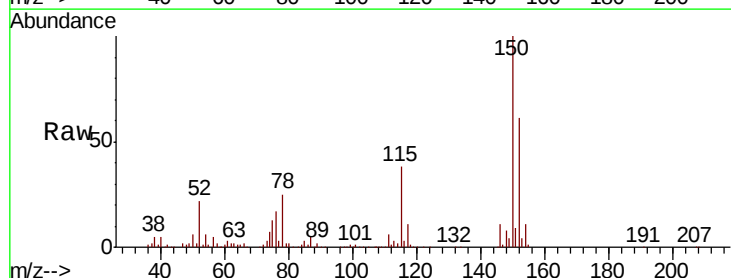
Tgt Ion:152 Resp: 157745

Ion Ratio Lower Upper

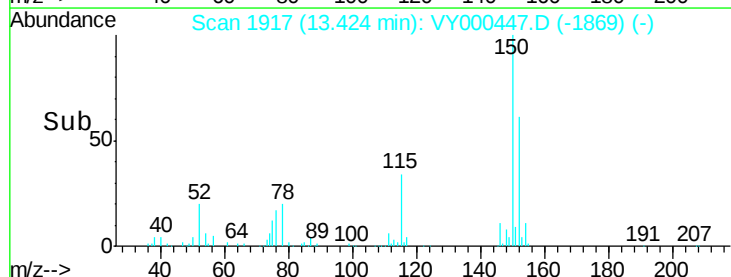
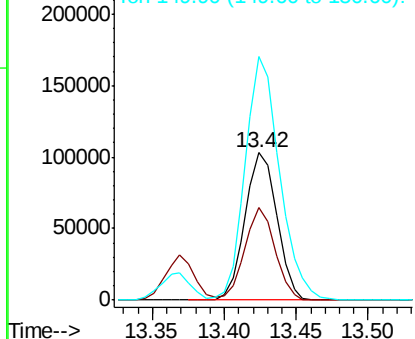
152 100

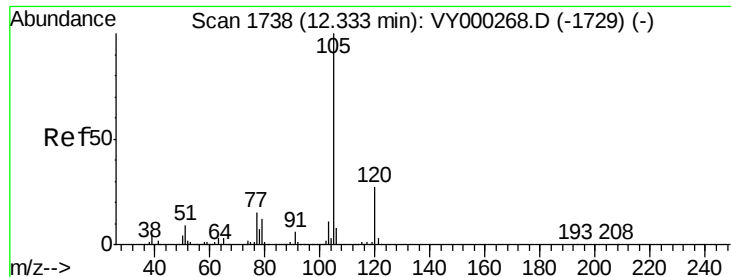
115 59.5 29.3 88.0

150 178.7 0.0 348.4



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

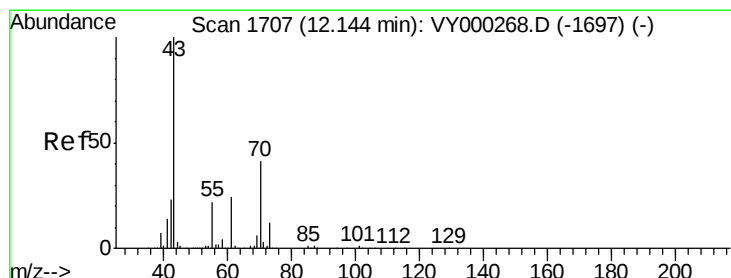
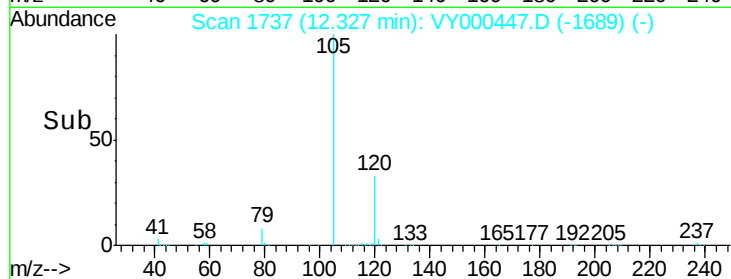
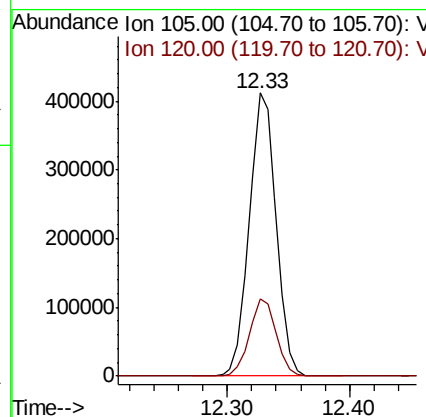
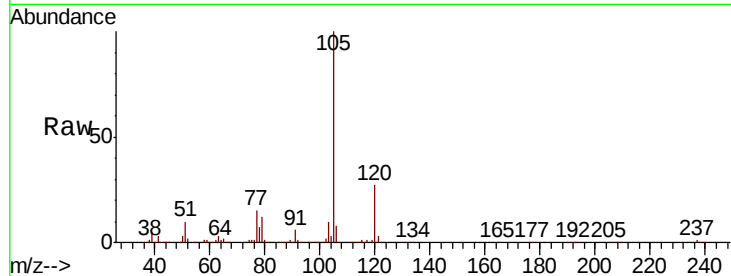




#73
Isopropylbenzene
Concen: 51.060 ug/l
RT: 12.33 min Scan# 1737
Delta R.T. -0.01 min
Lab File: VY000447.D
Acq: 28 Oct 2019 11:48

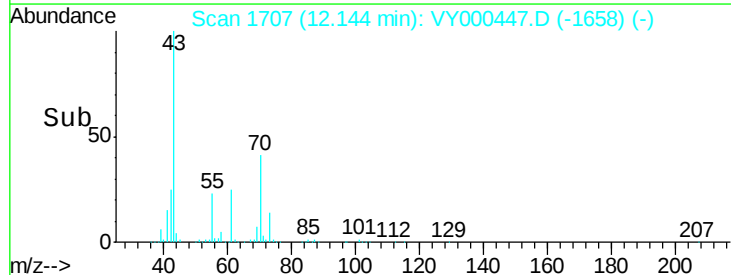
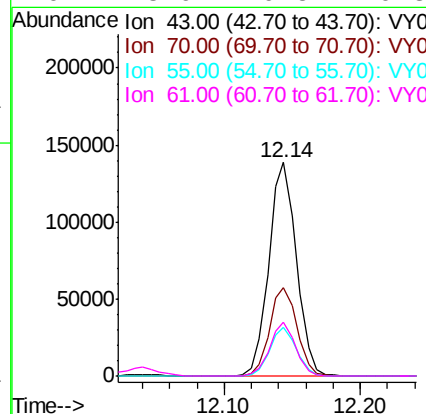
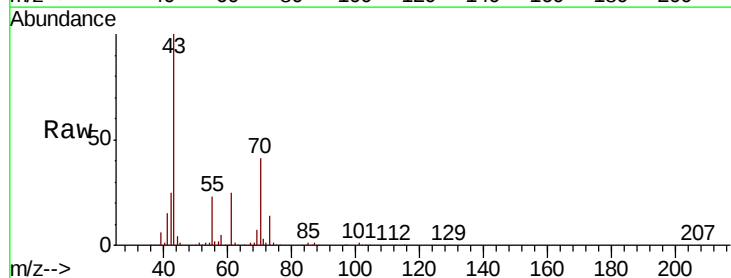
Instrument :
MSVOA_Y
ClientSampleId :

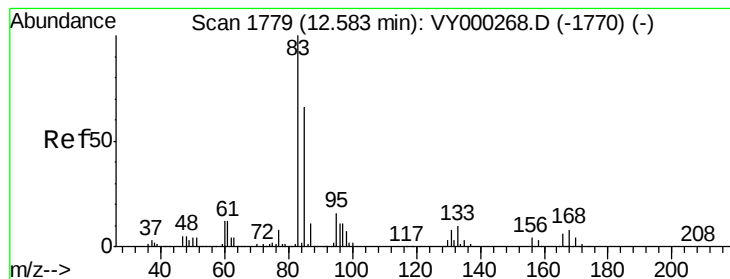
Tot Ion:105 Resp: 628035
Ion Ratio Lower Upper
105 100
120 27.1 13.4 40.2



#74
N-ethyl acetate
Concen: 65.138 ug/l
RT: 12.14 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VY000447.D
Acq: 28 Oct 2019 11:48

Tgt Ion: 43 Resp: 196690
Ion Ratio Lower Upper
43 100
70 41.6 32.9 49.3
55 22.1 17.8 26.6
61 23.9 19.5 29.3





#75

1,1,2,2-Tetrachloroethane

Concen: 59.058 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY000447.D

Acq: 28 Oct 2019 11:48

Instrument :

MSVOA_Y

ClientSampleId :

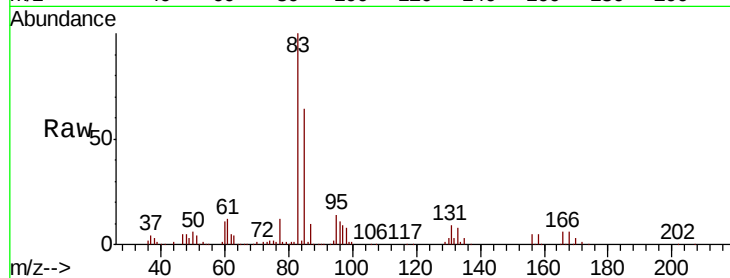
Tot Ion: 83 Resp: 136388

Ion Ratio Lower Upper

83 100

131 9.7 5.3 16.1

85 62.7 32.9 98.7



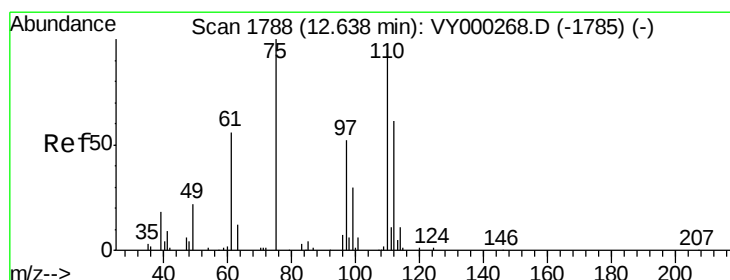
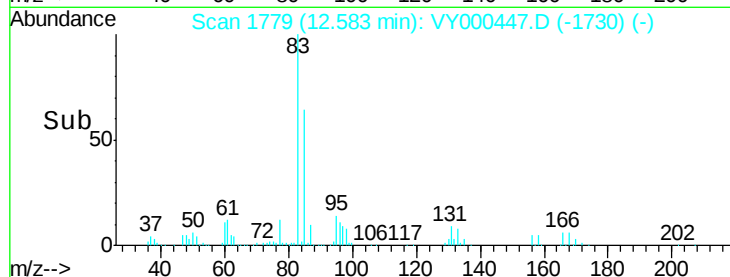
Abundance Ion 82.90 (82.60 to 83.60): VY000447.D (-1730) (-)

Ion 130.80 (130.50 to 131.50): VY000447.D (-1730) (-)

Ion 84.90 (84.60 to 85.60): VY000447.D (-1730) (-)

12.58

Time-->



#76

1,2,3-Trichloropropane

Concen: 93.530 ug/l

RT: 12.64 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VY000447.D

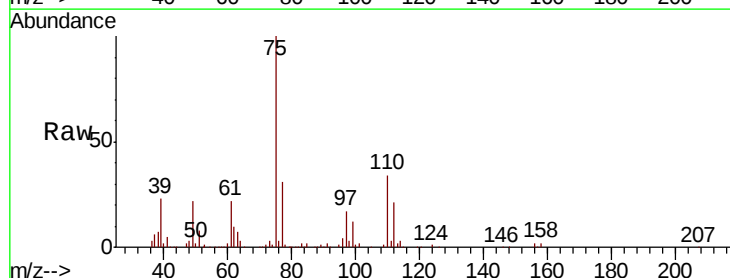
Acq: 28 Oct 2019 11:48

Tgt Ion: 75 Resp: 181422

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

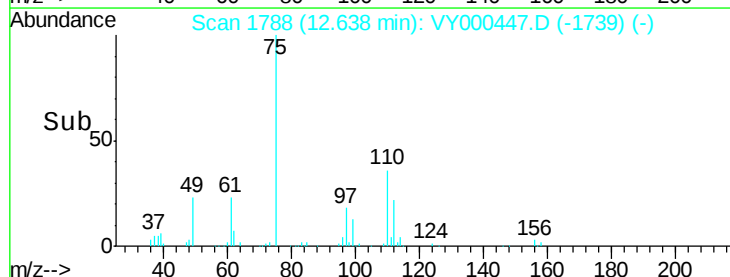


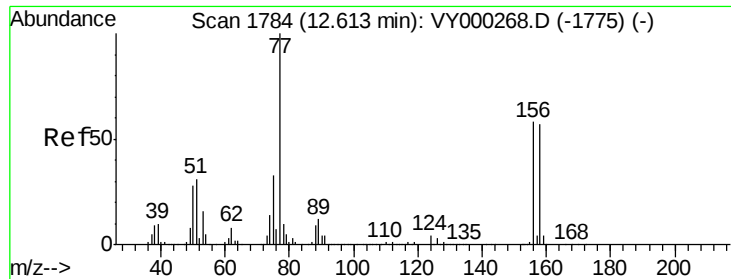
Abundance Ion 74.90 (74.60 to 75.60): VY000447.D (-1739) (-)

Ion 77.00 (76.70 to 77.70): VY000447.D (-1739) (-)

12.64

Time-->





#77

Bromobenzene

Concen: 51.776 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.01 min

Lab File: VY000447.D

Acq: 28 Oct 2019 11:48

Instrument :

MSVOA_Y

ClientSampleId :

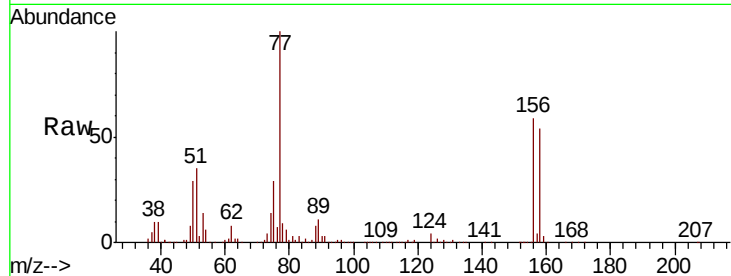
Tot Ion:156 Resp: 141712

Ion Ratio Lower Upper

156 100

77 195.4 101.0 302.9

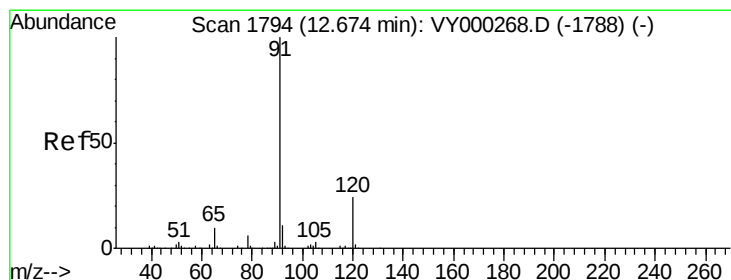
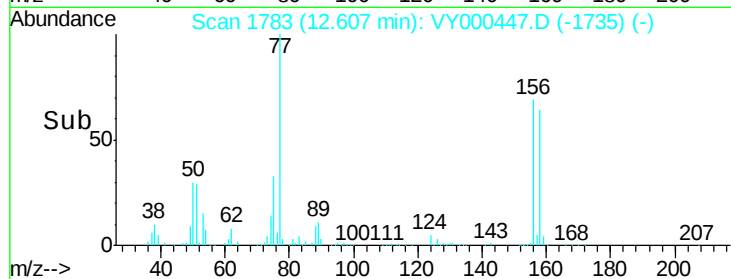
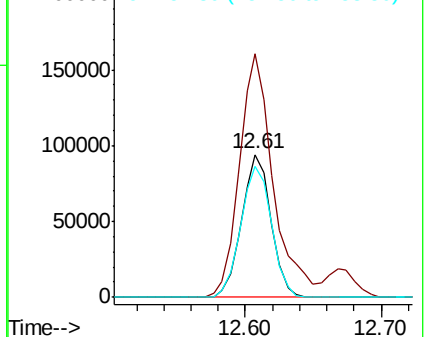
158 95.9 49.7 149.1



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 51.601 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. -0.01 min

Lab File: VY000447.D

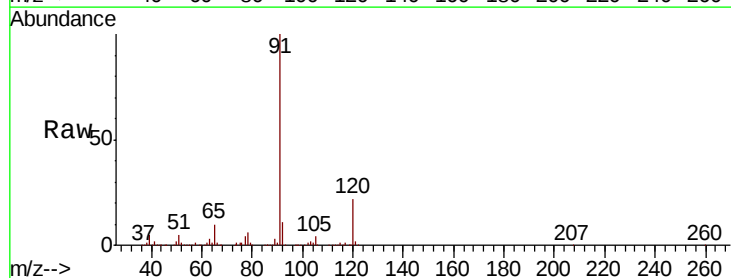
Acq: 28 Oct 2019 11:48

Tgt Ion: 91 Resp: 762046

Ion Ratio Lower Upper

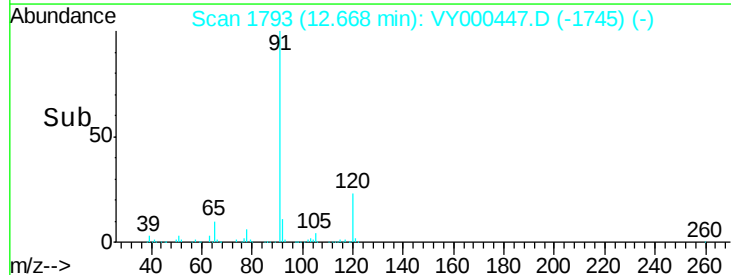
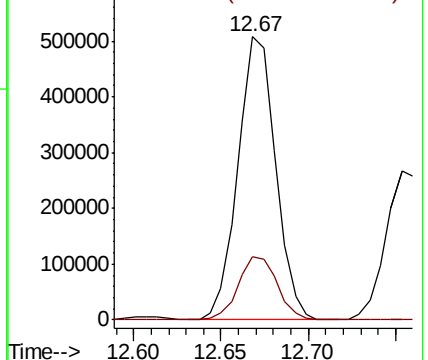
91 100

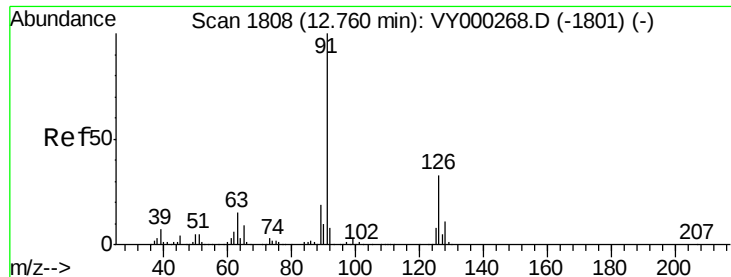
120 23.0 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 51.627 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. -0.01 min

Lab File: VY000447.D

Acq: 28 Oct 2019 11:48

Instrument :

MSVOA_Y

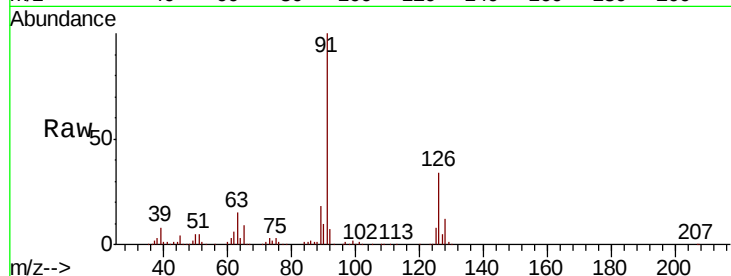
ClientSampleId :

Tot Ion: 91 Resp: 421061

Ion Ratio Lower Upper

91 100

126 34.2 17.1 51.3

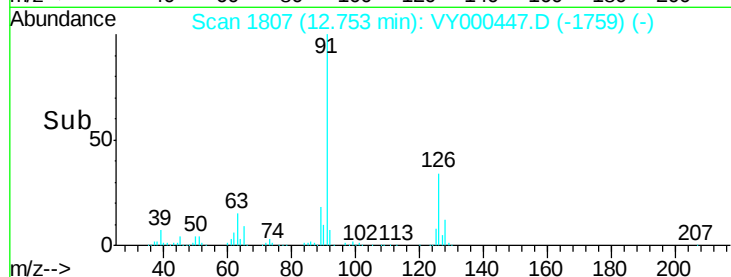


Abundance Ion 91.00 (90.70 to 91.70): VY000268.D (-1801) (-)

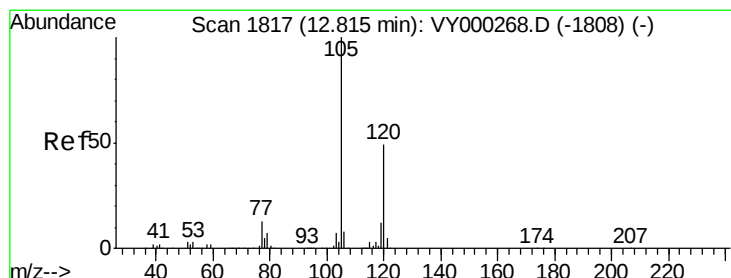
Ion 125.90 (125.60 to 126.60): VY000268.D (-1801) (-)

Time-->

12.75



Time-->



#80

1,3,5-Trimethylbenzene

Concen: 51.511 ug/l

RT: 12.81 min Scan# 1817

Delta R.T. -0.00 min

Lab File: VY000447.D

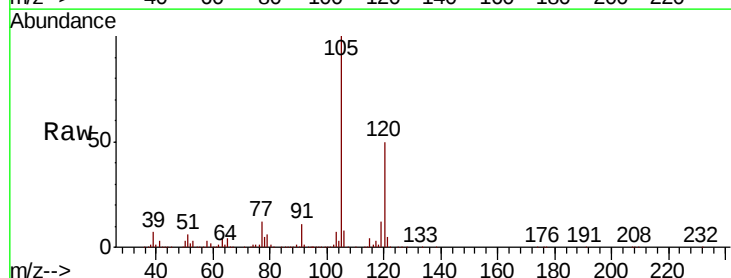
Acq: 28 Oct 2019 11:48

Tgt Ion: 105 Resp: 531277

Ion Ratio Lower Upper

105 100

120 50.4 24.9 74.8

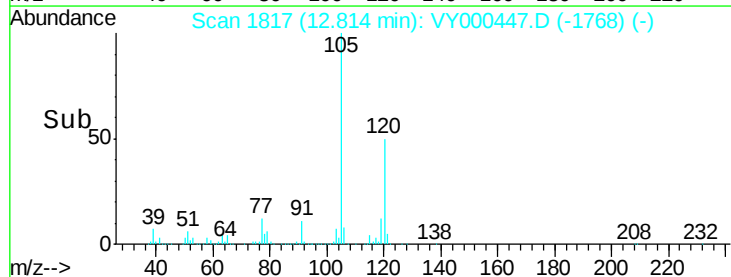


Abundance Ion 105.00 (104.70 to 105.70): VY000268.D (-1808) (-)

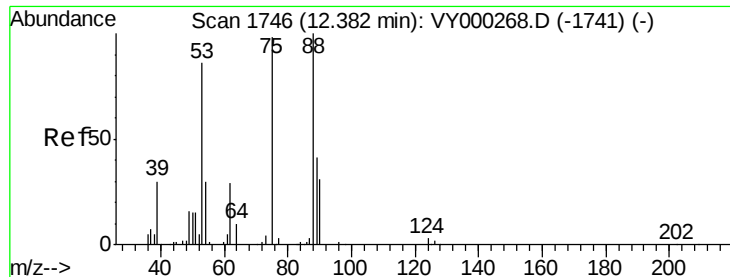
Ion 120.00 (119.70 to 120.70): VY000268.D (-1808) (-)

Time-->

12.81



Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 53.518 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. -0.01 min

Lab File: VY000447.D

Acq: 28 Oct 2019 11:48

Instrument :

MSVOA_Y

ClientSampled :

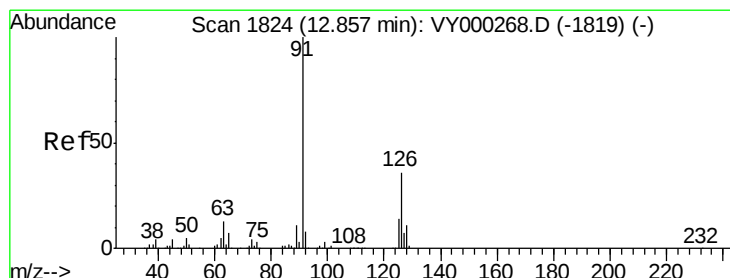
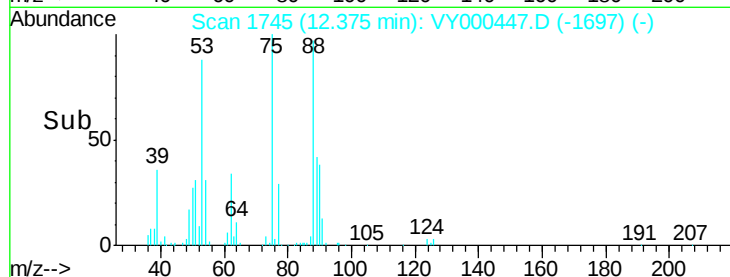
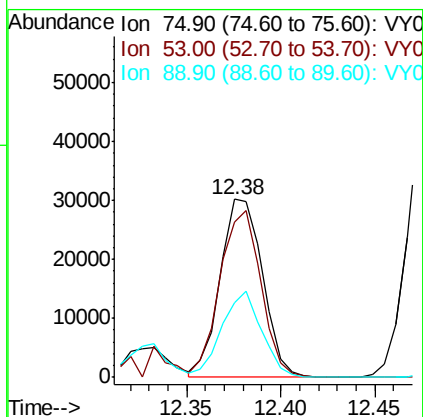
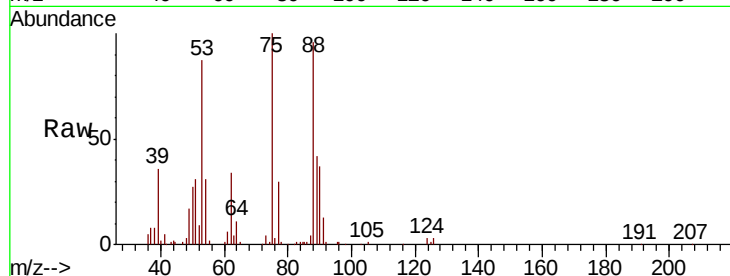
Tot Ion: 75 Resp: 47446

Ion Ratio Lower Upper

75 100

53 90.5 71.3 106.9

89 44.6 35.1 52.7



#82

4-Chlorotoluene

Concen: 51.460 ug/l

RT: 12.86 min Scan# 1824

Delta R.T. -0.00 min

Lab File: VY000447.D

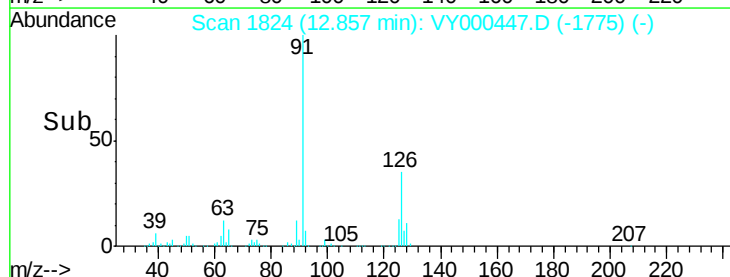
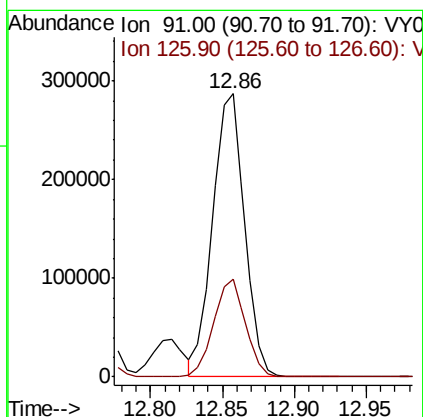
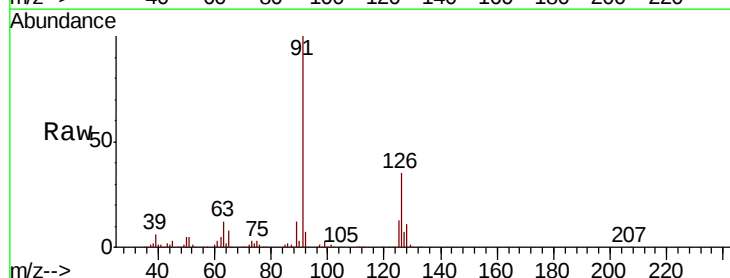
Acq: 28 Oct 2019 11:48

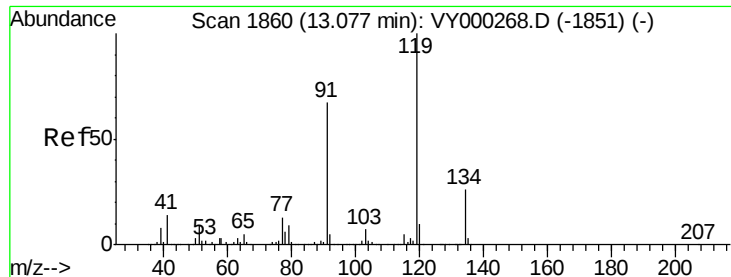
Tgt Ion: 91 Resp: 443641

Ion Ratio Lower Upper

91 100

126 34.5 17.2 51.5

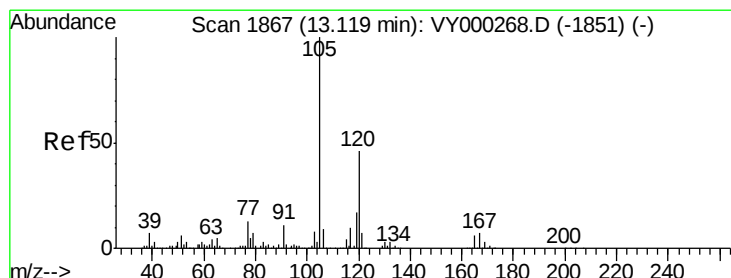
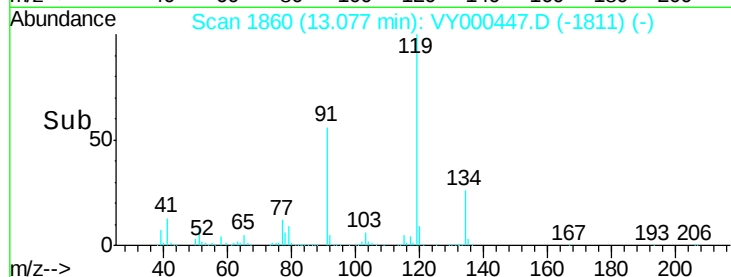
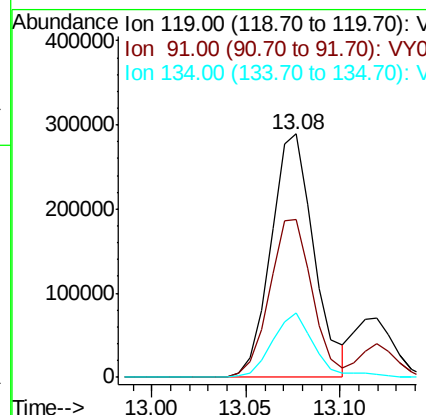
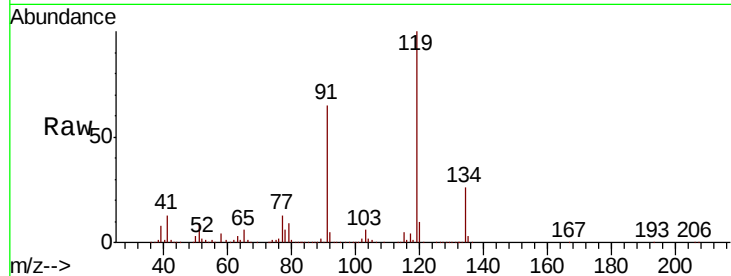




#83
tert-Butylbenzene
Concen: 52.190 ug/l
RT: 13.08 min Scan# 1860
Delta R.T. -0.00 min
Lab File: VY000447.D
Acq: 28 Oct 2019 11:48

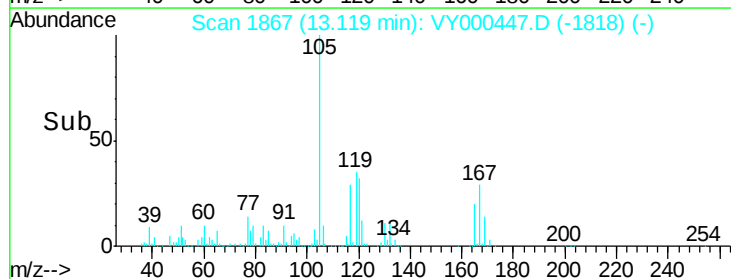
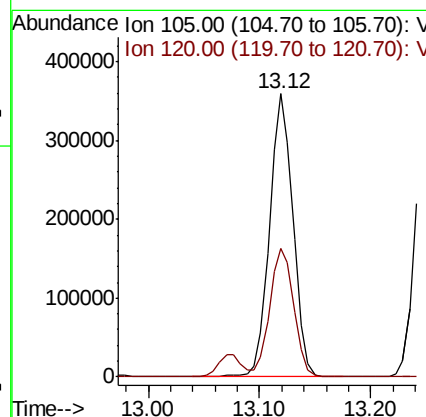
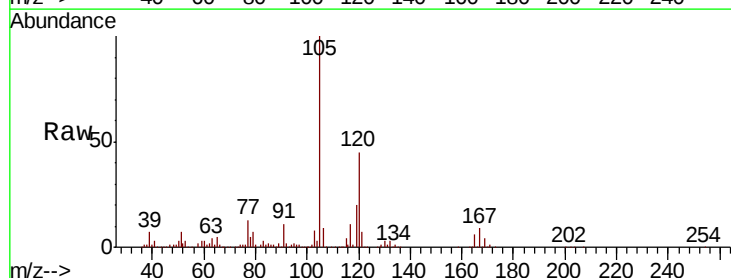
Instrument :
MSVOA_Y
ClientSampleId :

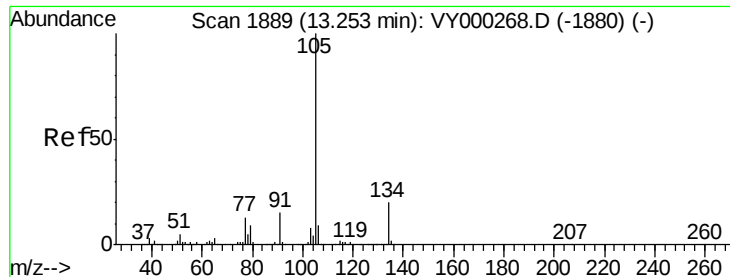
Tot Ion:119 Resp: 455837
Ion Ratio Lower Upper
119 100
91 64.4 32.9 98.7
134 26.1 13.3 39.8



#84
1,2,4-Trimethylbenzene
Concen: 51.997 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. -0.00 min
Lab File: VY000447.D
Acq: 28 Oct 2019 11:48

Tgt Ion:105 Resp: 529289
Ion Ratio Lower Upper
105 100
120 45.9 22.9 68.8





#85

sec-Butylbenzene

Concen: 51.885 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VY000447.D

Acq: 28 Oct 2019 11:48

Instrument :

MSVOA_Y

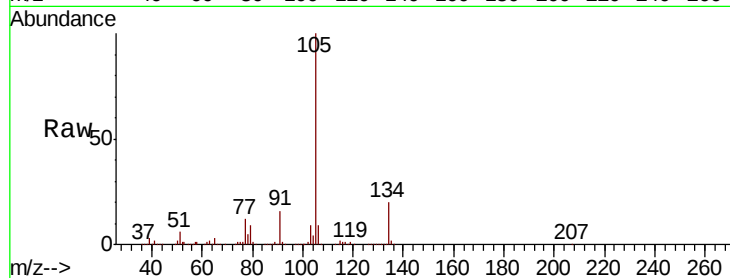
ClientSampleId :

Tot Ion:105 Resp: 655574

Ion Ratio Lower Upper

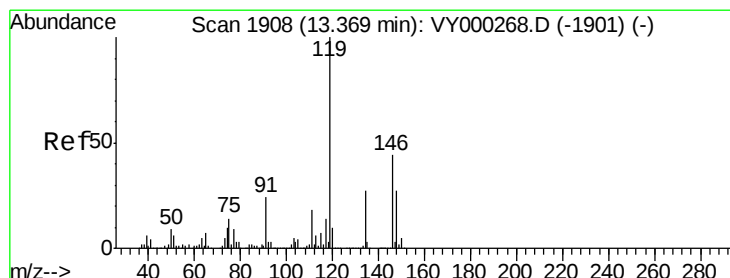
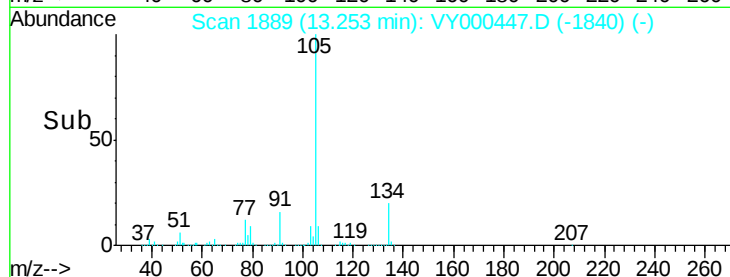
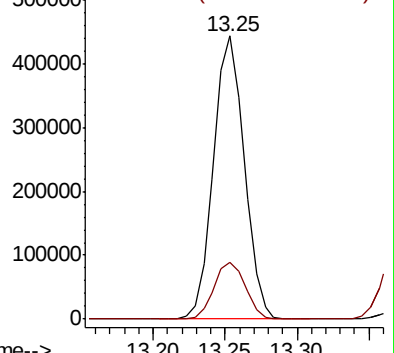
105 100

134 20.5 10.1 30.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 52.922 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.00 min

Lab File: VY000447.D

Acq: 28 Oct 2019 11:48

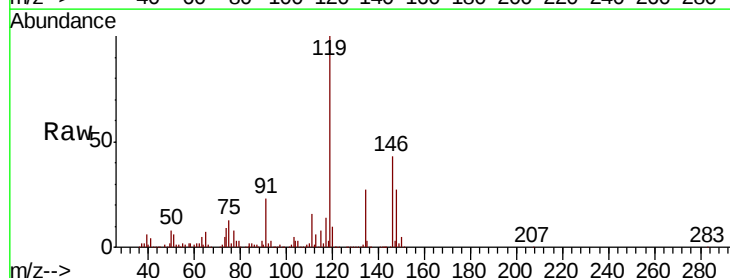
Tgt Ion:119 Resp: 582955

Ion Ratio Lower Upper

119 100

134 27.1 13.6 40.8

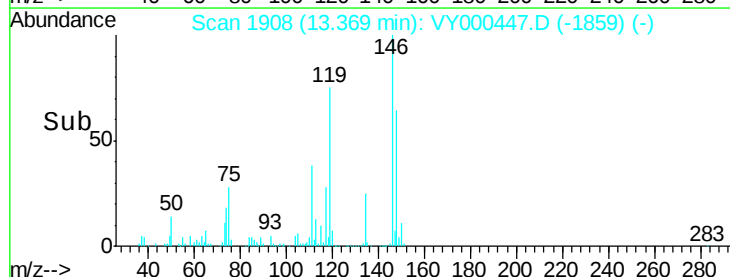
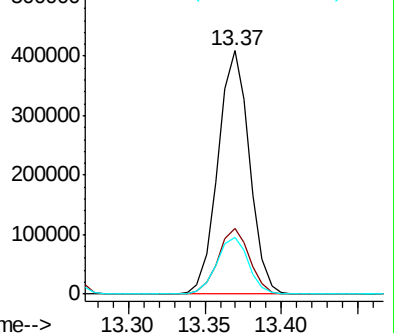
91 23.6 12.0 36.1

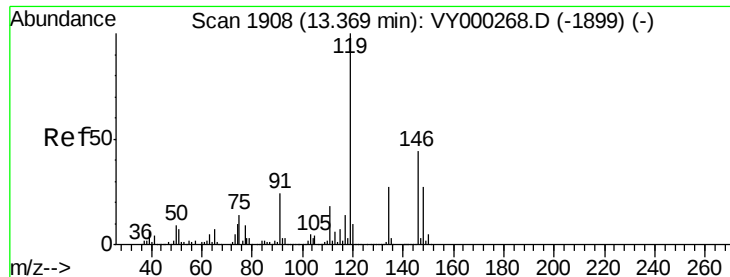


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

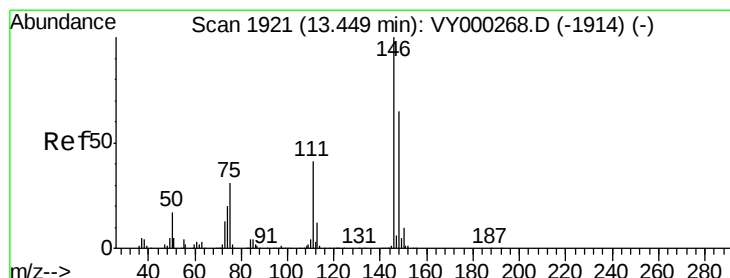
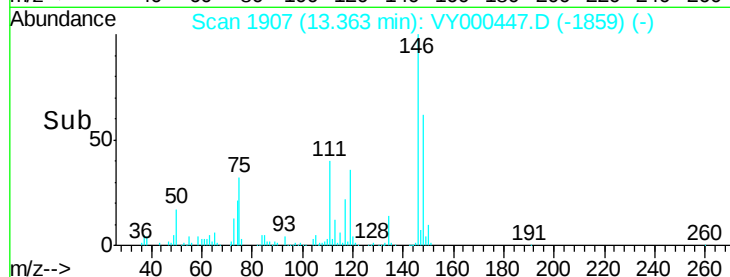
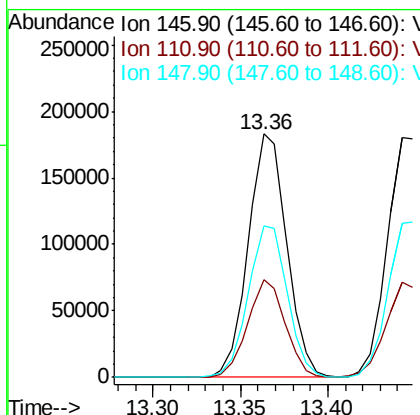
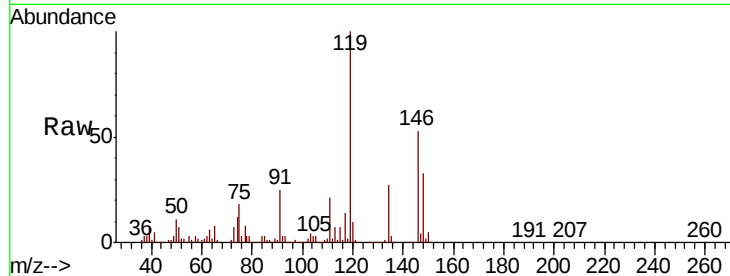




#87
 1,3-Dichlorobenzene
 Concen: 51.861 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. -0.01 min
 Lab File: VY000447.D
 Acq: 28 Oct 2019 11:48

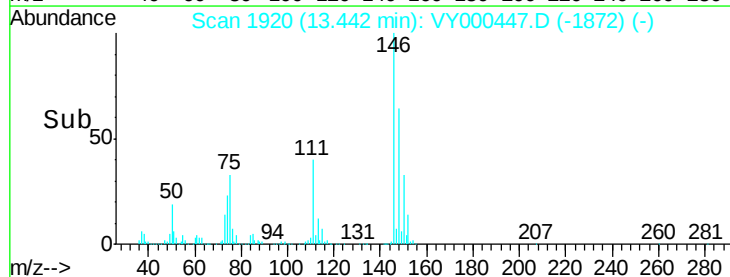
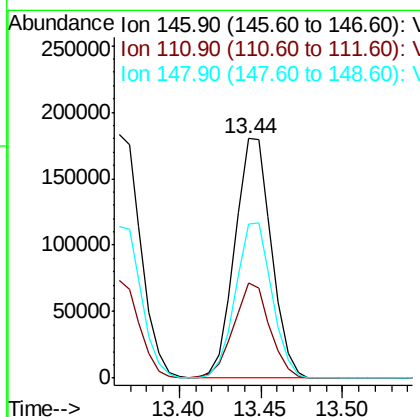
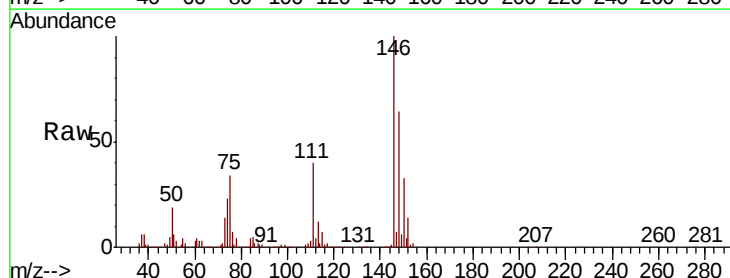
Instrument :
 MSVOA_Y
 ClientSampleId :

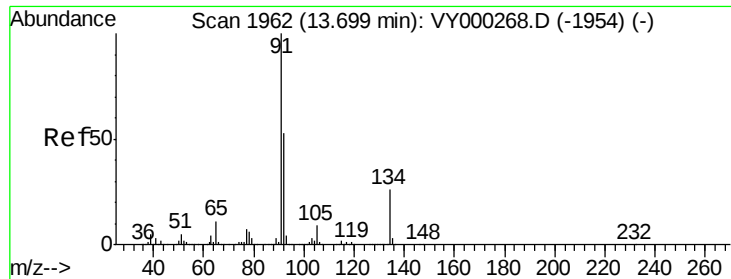
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.4	20.6	61.8
148	63.3	31.9	95.5



#88
 1,4-Dichlorobenzene
 Concen: 52.097 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. -0.01 min
 Lab File: VY000447.D
 Acq: 28 Oct 2019 11:48

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.1	20.1	60.2
148	64.3	32.4	97.2





#89

n-Butylbenzene

Concen: 52.697 ug/l

RT: 13.70 min Scan# 1962

Delta R.T. -0.00 min

Lab File: VY000447.D

Acq: 28 Oct 2019 11:48

Instrument :

MSVOA_Y

ClientSampleId :

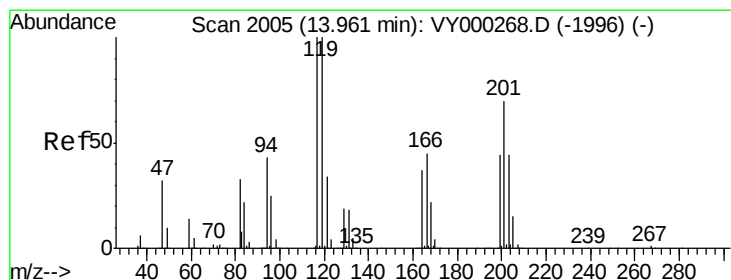
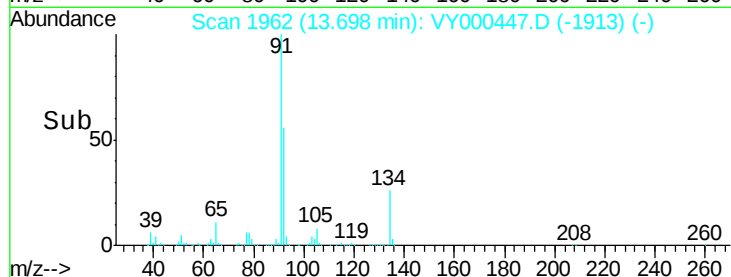
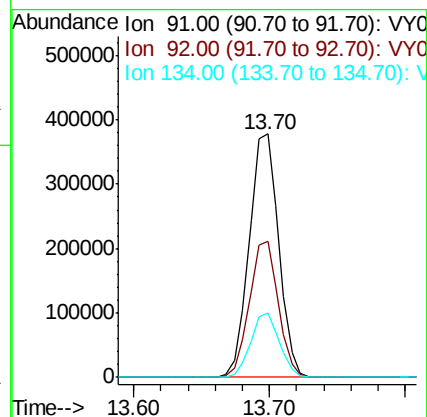
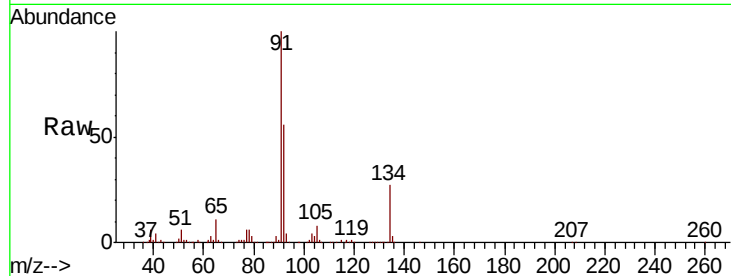
Tot Ion: 91 Resp: 573631

Ion Ratio Lower Upper

91 100

92 54.7 26.7 80.1

134 25.8 13.0 38.9



#90

Hexachloroethane

Concen: 55.361 ug/l

RT: 13.96 min Scan# 2005

Delta R.T. -0.00 min

Lab File: VY000447.D

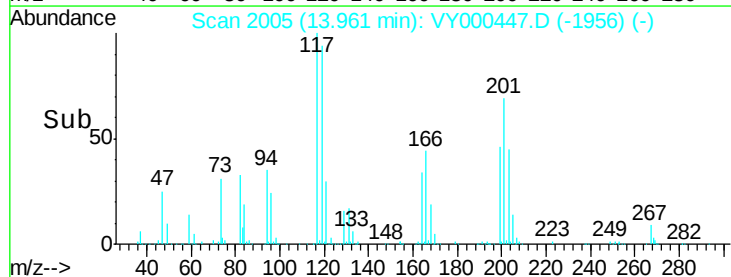
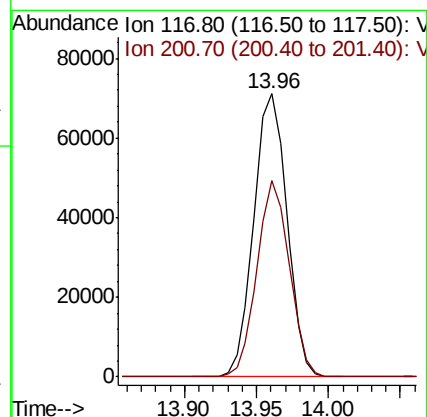
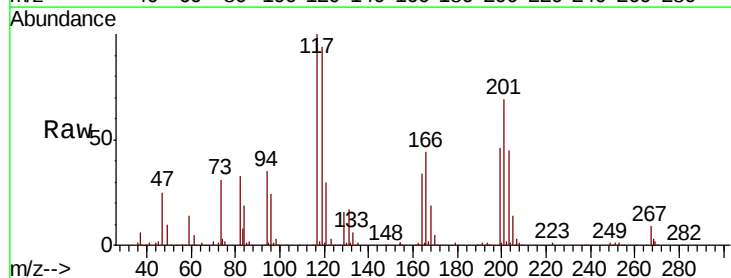
Acq: 28 Oct 2019 11:48

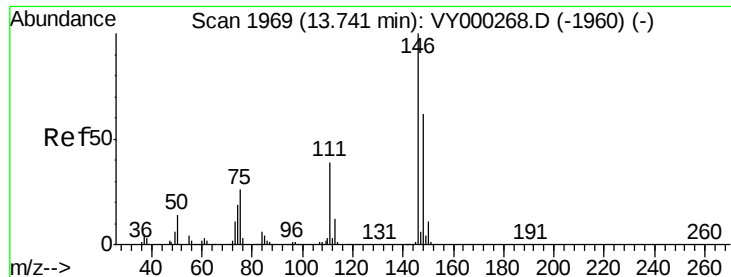
Tgt Ion: 117 Resp: 112922

Ion Ratio Lower Upper

117 100

201 67.9 36.3 108.7





#91

1,2-Dichlorobenzene

Concen: 53.308 ug/l

RT: 13.74 min Scan# 1969

Delta R.T. -0.00 min

Lab File: VY000447.D

Acq: 28 Oct 2019 11:48

Instrument :

MSVOA_Y

ClientSampleId :

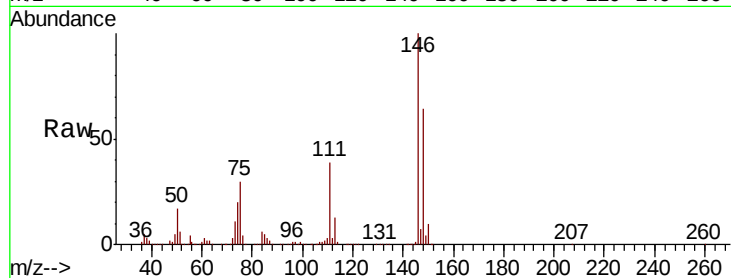
Tot Ion:146 Resp: 260156

Ion Ratio Lower Upper

146 100

111 40.3 20.5 61.5

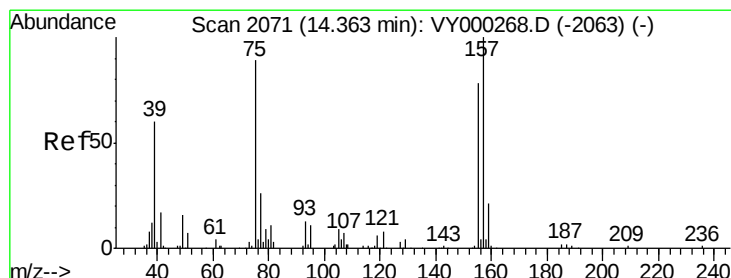
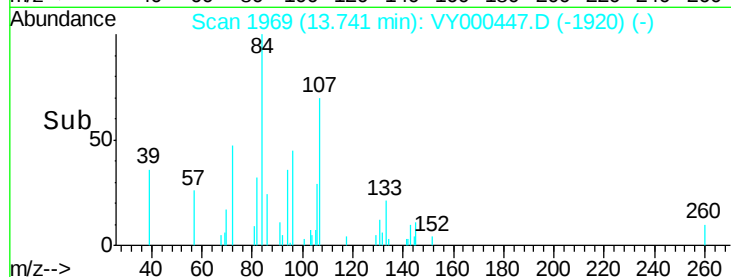
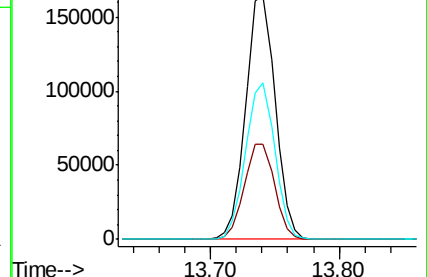
148 63.7 31.6 95.0



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: 52.088 ug/l

RT: 14.36 min Scan# 2070

Delta R.T. -0.01 min

Lab File: VY000447.D

Acq: 28 Oct 2019 11:48

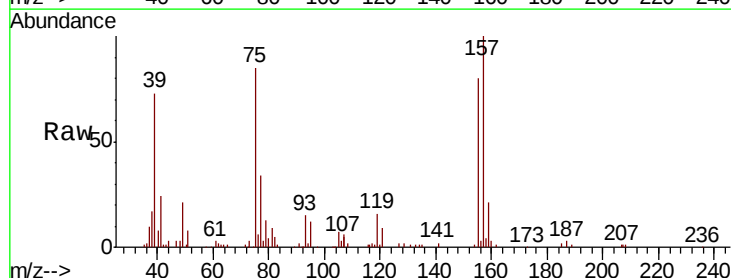
Tgt Ion: 75 Resp: 22814

Ion Ratio Lower Upper

75 100

155 88.8 45.8 137.3

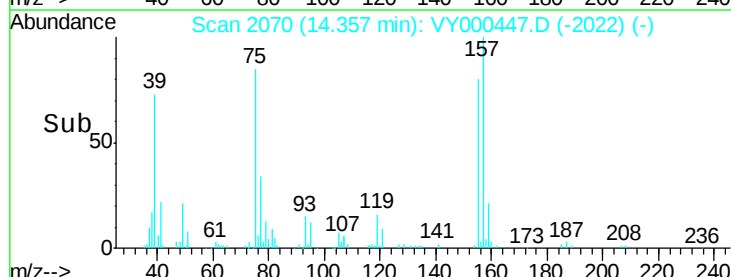
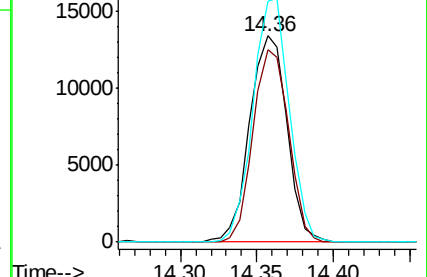
157 115.0 55.6 166.9

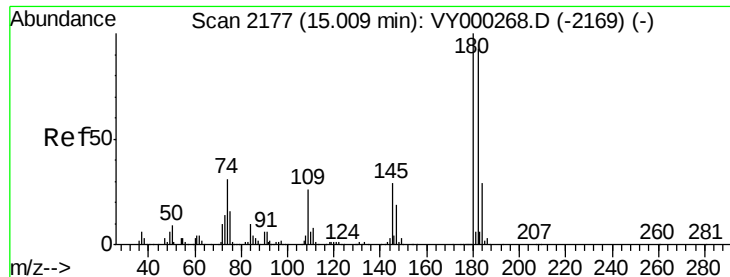


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

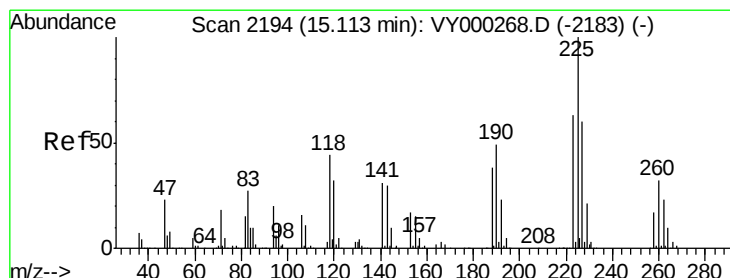
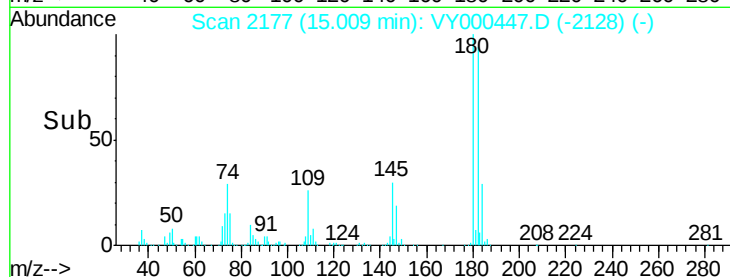
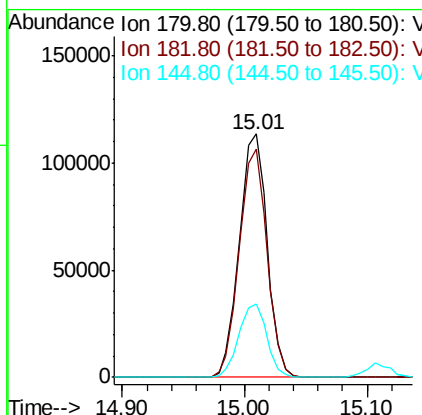
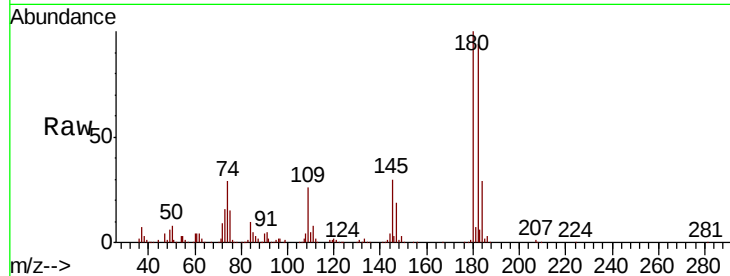




#93
 1,2,4-Trichlorobenzene
 Concen: 52.548 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. -0.00 min
 Lab File: VY000447.D
 Acq: 28 Oct 2019 11:48

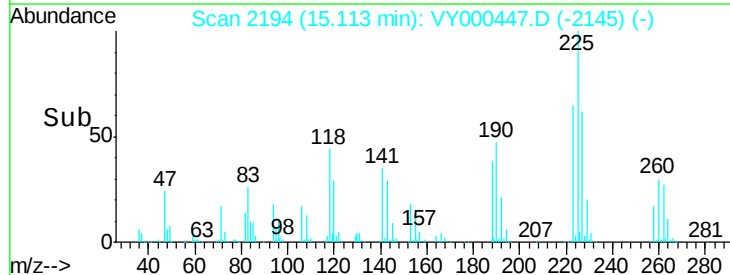
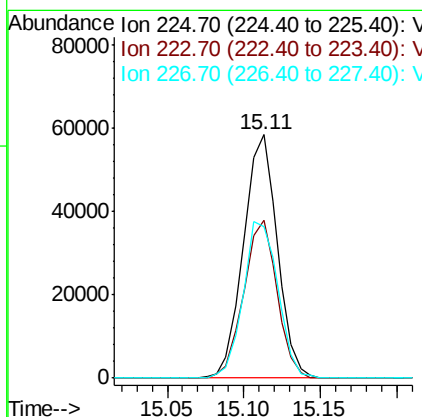
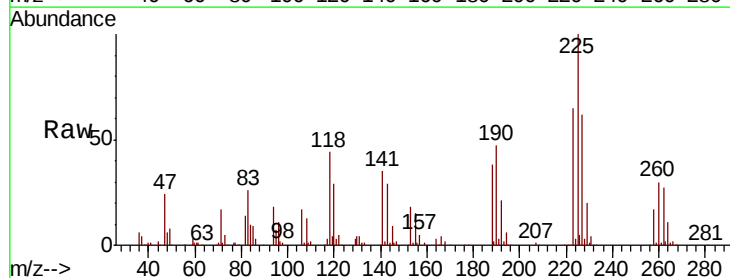
Instrument :
 MSVOA_Y
 ClientSampleId :

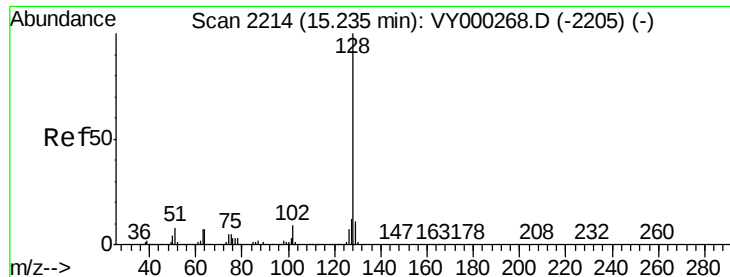
Tot Ion	Ratio	Lower	Upper
180	100		
182	93.4	47.5	142.6
145	30.3	15.4	46.1



#94
 Hexachlorobutadiene
 Concen: 48.767 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. -0.00 min
 Lab File: VY000447.D
 Acq: 28 Oct 2019 11:48

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.8	31.9	95.7
227	66.1	31.4	94.2

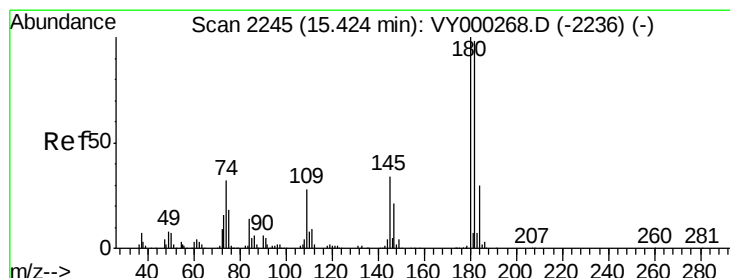
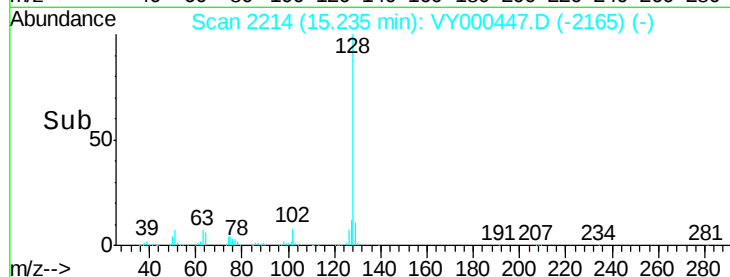
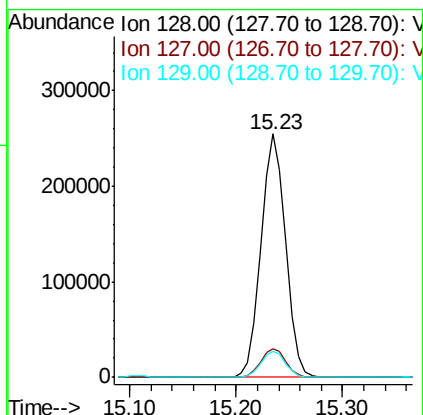
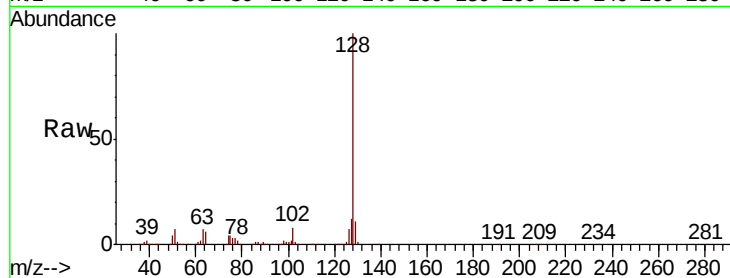




#95
Naphthalene
Concen: 54.314 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. -0.00 min
Lab File: VY000447.D
Acq: 28 Oct 2019 11:48

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:128 Resp: 411848
Ion Ratio Lower Upper
128 100
127 12.1 9.6 14.4
129 10.8 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 51.960 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. -0.00 min
Lab File: VY000447.D
Acq: 28 Oct 2019 11:48

Tgt Ion:180 Resp: 159116
Ion Ratio Lower Upper
180 100
182 94.8 46.5 139.5
145 32.5 16.2 48.5

