

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY101119\
 Data File : VY000270.D
 Acq On : 11 Oct 2019 14:38
 Operator : SY/MD
 Sample : VSTDICC150
 Misc : 5.00G/MSVOA Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 14 07:17:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y101119S.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 14 07:12:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	286514	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	487568	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	435946	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	211633	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.16	65	444365	147.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	294.06%	
35) Dibromofluoromethane	7.73	113	411681	139.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	279.96%	
50) Toluene-d8	10.19	98	1703269	150.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	301.10%	
62) 4-Bromofluorobenzene	12.48	95	608734	141.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	283.26%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	316741	123.990	ug/l	100
3) Chloromethane	2.12	50	441407	126.076	ug/l	98
4) Vinyl Chloride	2.25	62	483380	136.803	ug/l	99
5) Bromomethane	2.62	94	307953	116.233	ug/l	97
6) Chloroethane	2.78	64	318826	139.846	ug/l	100
7) Trichlorofluoromethane	3.12	101	654905	135.500	ug/l	98
8) Diethyl Ether	3.54	74	234221	137.175	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.90	101	402043	137.161	ug/l	99
10) Methyl Iodide	4.09	142	624175	163.130	ug/l	100
11) Tert butyl alcohol	4.97	59	206345	652.132	ug/l	100
12) 1,1-Dichloroethene	3.87	96	408783	141.266	ug/l	96
13) Acrolein	3.74	56	266749	719.369	ug/l	99
14) Allyl chloride	4.49	41	703874	146.781	ug/l	97
15) Acrylonitrile	5.18	53	687970	719.865	ug/l	99
16) Acetone	3.96	43	706831	722.184	ug/l	98
17) Carbon Disulfide	4.19	76	1289015	141.480	ug/l	100
18) Methyl Acetate	4.49	43	332212	136.612	ug/l	96
19) Methyl tert-butyl Ether	5.23	73	1163416	144.425	ug/l	99
20) Methylene Chloride	4.72	84	455641	113.526	ug/l	99
21) trans-1,2-Dichloroethene	5.22	96	466570	140.535	ug/l	95
22) Diisopropyl ether	6.13	45	1535127	151.357	ug/l	97
23) Vinyl Acetate	6.07	43	5069000	766.084	ug/l	99
24) 1,1-Dichloroethane	6.03	63	803202	145.084	ug/l	99
25) 2-Butanone	7.00	43	989351	717.579	ug/l	100
26) 2,2-Dichloropropane	6.99	77	702426	137.695	ug/l	100
27) cis-1,2-Dichloroethene	7.00	96	518287	144.271	ug/l	99
28) Bromochloromethane	7.35	49	365523	153.803	ug/l	98
29) Tetrahydrofuran	7.36	42	602585	721.169	ug/l	99
30) Chloroform	7.52	83	797542	143.051	ug/l	99
31) Cyclohexane	7.79	56	788550	136.376	ug/l	99
32) 1,1,1-Trichloroethane	7.71	97	706748	142.587	ug/l	99
36) 1,1-Dichloropropene	7.93	75	638867	133.833	ug/l	99
37) Ethyl Acetate	7.08	43	389060	137.645	ug/l	98
38) Carbon Tetrachloride	7.91	117	626106	135.463	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	853929	136.678	ug/l	95
40) Benzene	8.17	78	1891568	137.119	ug/l	100
41) Methacrylonitrile	7.36	41	542542	437.005	ug/l #	24
42) 1,2-Dichloroethane	8.25	62	527693	133.913	ug/l	99
43) Isopropyl Acetate	8.28	43	739372	137.572	ug/l	99
44) Trichloroethene	8.95	130	499902	129.150	ug/l	96
45) 1,2-Dichloropropane	9.22	63	469156	138.583	ug/l	98
46) Dibromomethane	9.32	93	260060	137.417	ug/l	95
47) Bromodichloromethane	9.50	83	622213	139.508	ug/l	98
48) Methyl methacrylate	9.30	41	334397	141.973	ug/l	97
49) 1,4-Dioxane	9.31	88	75649	2665.992	ug/l	97
51) 4-Methyl-2-Pentanone	10.08	43	1941819	700.514	ug/l	98
52) Toluene	10.25	92	1233552	140.841	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	686017	143.523	ug/l	97
54) cis-1,3-Dichloropropene	9.94	75	774434	142.669	ug/l	96
55) 1,1,2-Trichloroethane	10.65	97	378629	137.602	ug/l	99
56) Ethyl methacrylate	10.52	69	582413	148.497	ug/l	98
57) 1,3-Dichloropropane	10.80	76	657957	139.233	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.79	63	1169265	747.430	ug/l	98
59) 2-Hexanone	10.84	43	1385391	712.027	ug/l	100
60) Dibromochloromethane	10.99	129	432653	141.861	ug/l	99
61) 1,2-Dibromoethane	11.10	107	367389	139.056	ug/l	99
64) Tetrachloroethene	10.72	164	513683	123.771	ug/l	98
65) Chlorobenzene	11.52	112	1258439	136.781	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.60	131	441389	136.572	ug/l	99
67) Ethyl Benzene	11.60	91	2352045	137.906	ug/l	99
68) m/p-Xylenes	11.71	106	1789164	274.410	ug/l	98
69) o-Xylene	12.03	106	849919	136.645	ug/l	99
70) Styrene	12.05	104	1515452	144.469	ug/l	99
71) Bromoform	12.21	173	272428	146.632	ug/l	100
73) Isopropylbenzene	12.33	105	2342076	141.928	ug/l	100
74) N-amyl acetate	12.14	43	639834	157.939	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.58	83	443600	143.175	ug/l	98
76) 1,2,3-Trichloropropane	12.64	75	636745	150.504	ug/l #	100
77) Bromobenzene	12.61	156	489868	133.406	ug/l	96
78) n-propylbenzene	12.67	91	2816236	142.142	ug/l	99
79) 2-Chlorotoluene	12.76	91	1538119	140.571	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	1907946	137.885	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	179212	150.674	ug/l	97
82) 4-Chlorotoluene	12.86	91	1633124	141.198	ug/l	100
83) tert-Butylbenzene	13.08	119	1615481	137.865	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	1908393	139.740	ug/l	99
85) sec-Butylbenzene	13.25	105	2381424	140.485	ug/l	100
86) p-Isopropyltoluene	13.37	119	2063380	139.621	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	958952	132.546	ug/l	100
88) 1,4-Dichlorobenzene	13.45	146	965693	133.541	ug/l	99
89) n-Butylbenzene	13.70	91	2103458	144.031	ug/l	99
90) Hexachloroethane	13.96	117	390678	142.763	ug/l	97
91) 1,2-Dichlorobenzene	13.74	146	885844	135.296	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	80497	136.989	ug/l	95

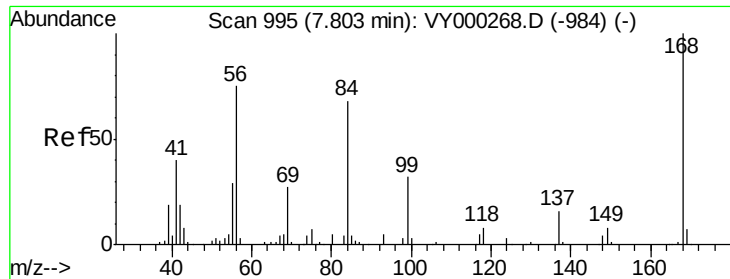
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	595611	130.657	ug/l	99
94) Hexachlorobutadiene	15.11	225	311099	126.106	ug/l	100
95) Naphthalene	15.23	128	1374061	135.069	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	543468	132.281	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. 0.00 min

Lab File: VY000270.D

Acq: 11 Oct 2019 14:38

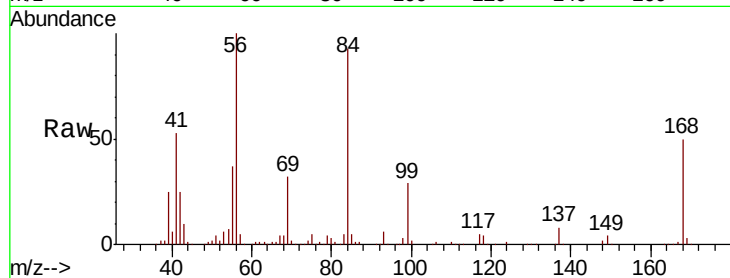
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:168 Resp: 286514

Ion Ratio Lower Upper

168 100

99 57.7 46.6 69.8



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

Ion 98.90 (98.60 to 99.60): VY000268.D (-984) (-)

200000

150000

100000

50000

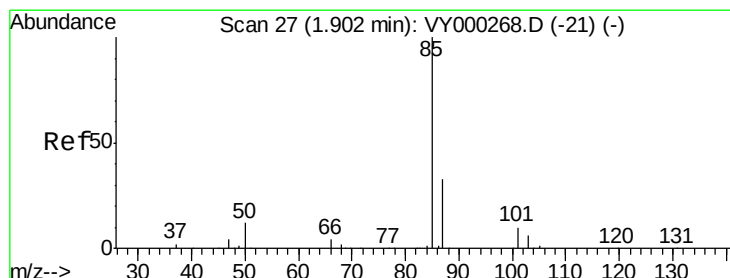
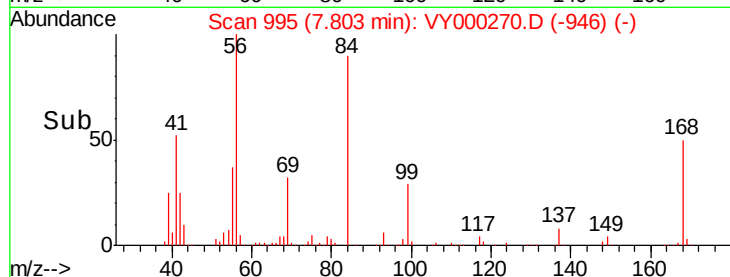
0

7.70

7.80

7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 123.990 ug/l

RT: 1.90 min Scan# 27

Delta R.T. 0.00 min

Lab File: VY000270.D

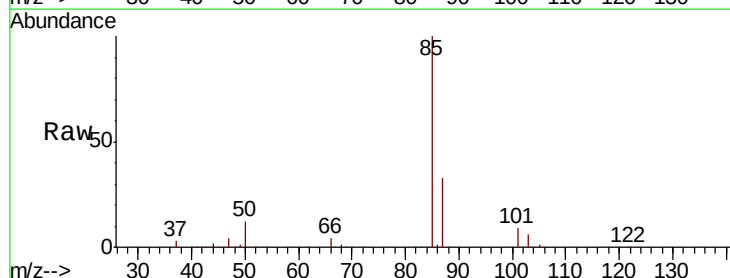
Acq: 11 Oct 2019 14:38

Tgt Ion: 85 Resp: 316741

Ion Ratio Lower Upper

85 100

87 33.5 16.6 49.8



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

Ion 86.90 (86.60 to 87.60): VY000268.D (-21) (-)

200000

150000

100000

50000

0

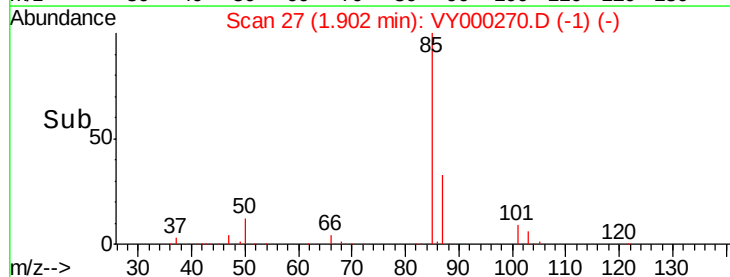
1.80

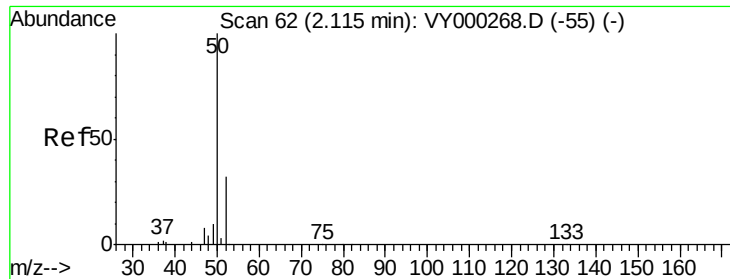
1.90

2.00

2.10

Time-->





#3

Chloromethane

Concen: 126.076 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY000270.D

Acq: 11 Oct 2019 14:38

Instrument :

MSVOA_Y

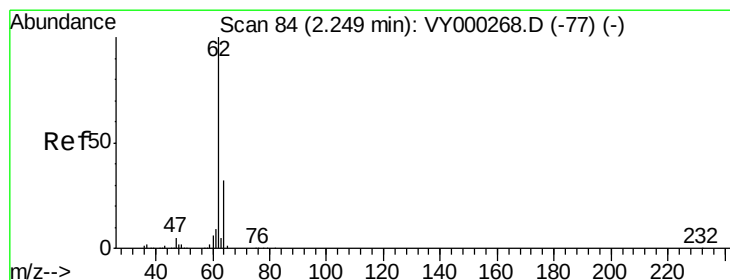
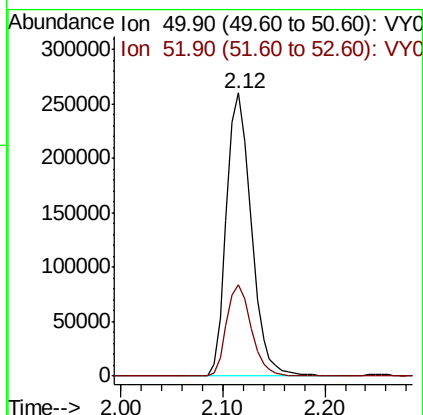
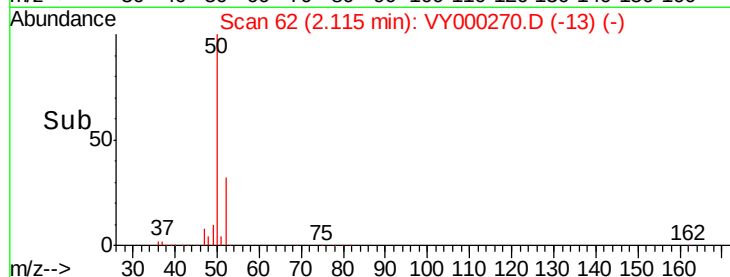
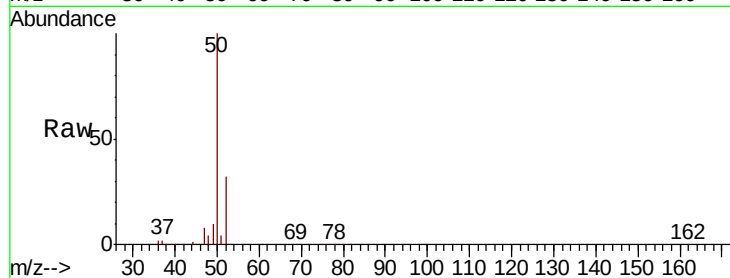
ClientSampleId :

Tot Ion: 50 Resp: 441407

Ion Ratio Lower Upper

50 100

52 32.4 25.3 37.9



#4

Vinyl Chloride

Concen: 136.803 ug/l

RT: 2.25 min Scan# 84

Delta R.T. 0.00 min

Lab File: VY000270.D

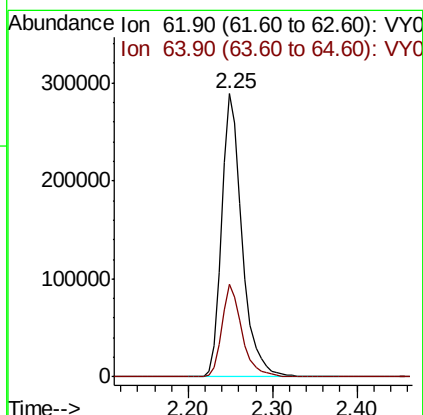
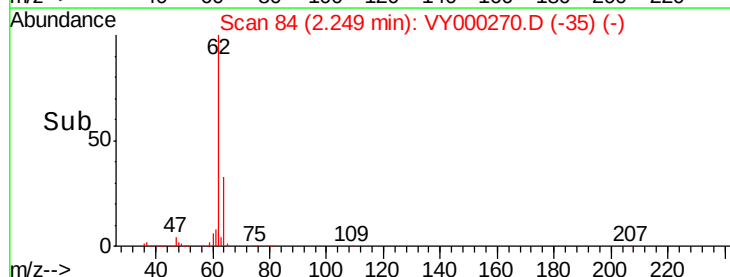
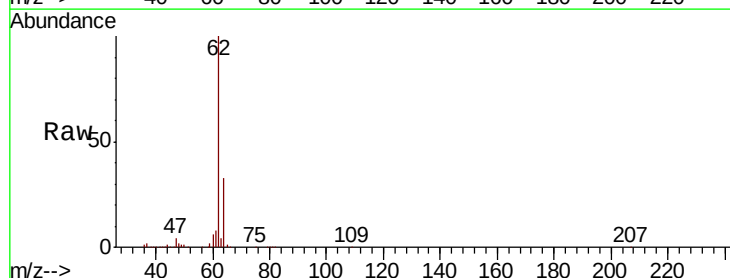
Acq: 11 Oct 2019 14:38

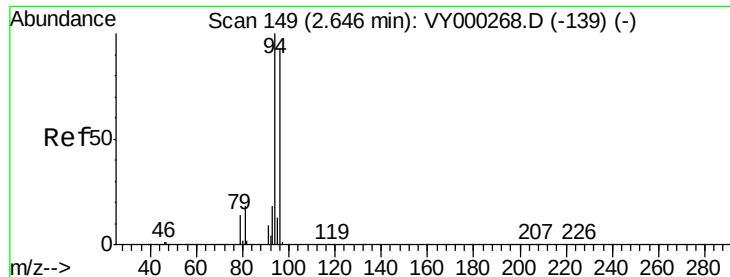
Tgt Ion: 62 Resp: 483380

Ion Ratio Lower Upper

62 100

64 32.8 25.6 38.4





#5

Bromomethane

Concen: 116.233 ug/l

RT: 2.62 min Scan# 145

Delta R.T. -0.02 min

Lab File: VY000270.D

Acq: 11 Oct 2019 14:38

Instrument :

MSVOA_Y

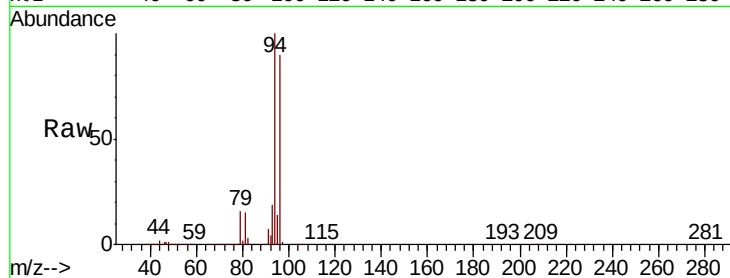
ClientSampleId :

Tot Ion: 94 Resp: 307953

Ion Ratio Lower Upper

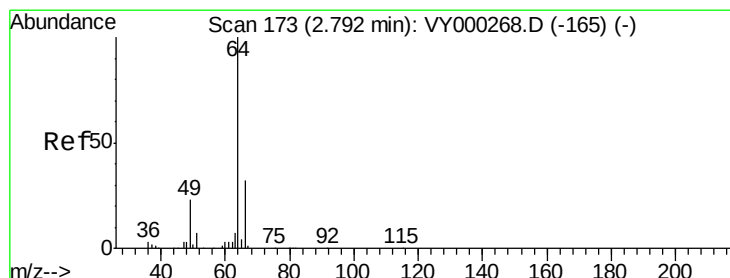
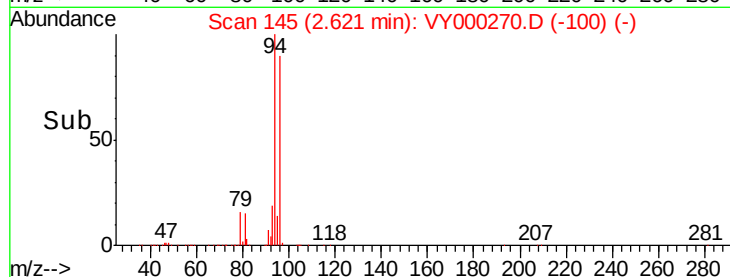
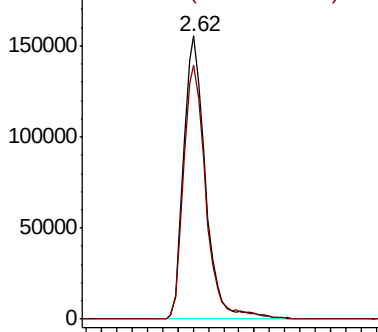
94 100

96 89.8 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: 139.846 ug/l

RT: 2.78 min Scan# 171

Delta R.T. -0.01 min

Lab File: VY000270.D

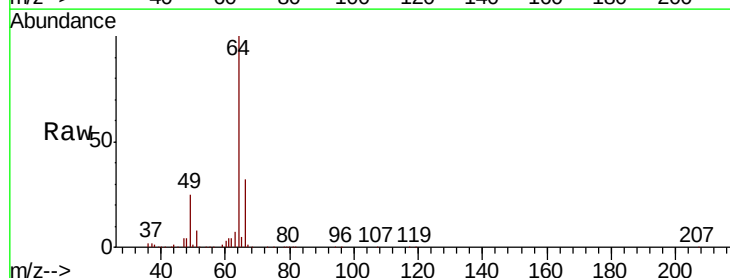
Acq: 11 Oct 2019 14:38

Tgt Ion: 64 Resp: 318826

Ion Ratio Lower Upper

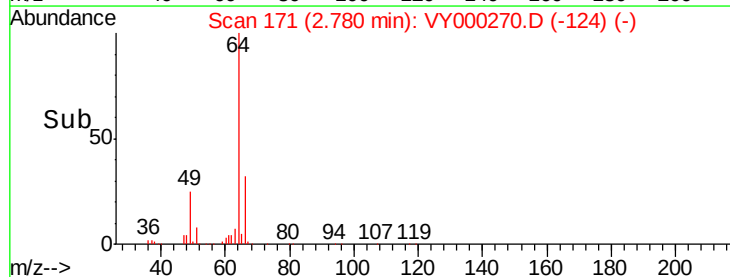
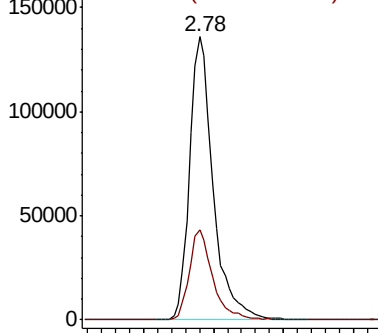
64 100

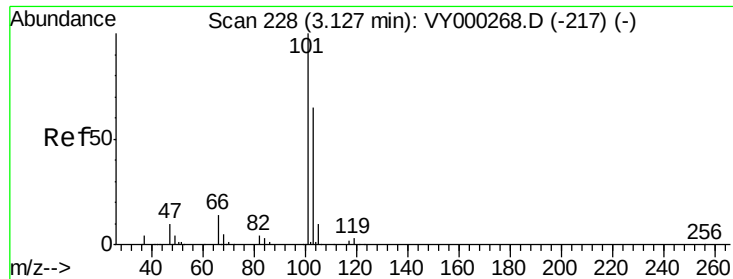
66 31.9 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



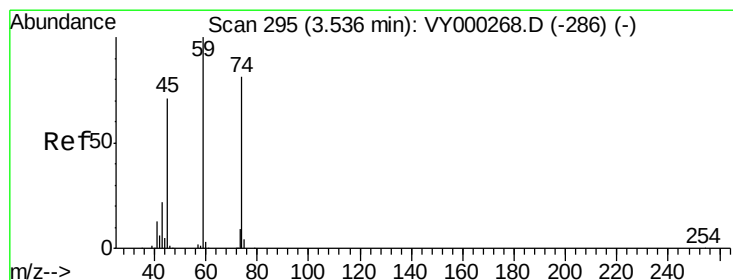
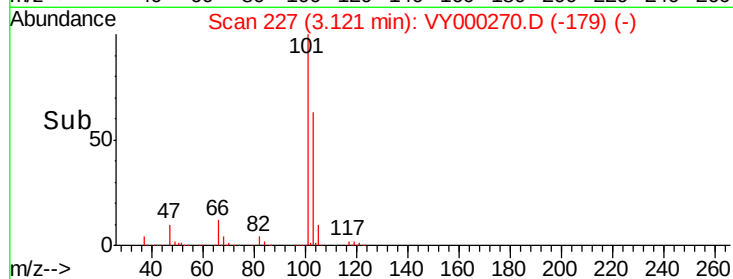
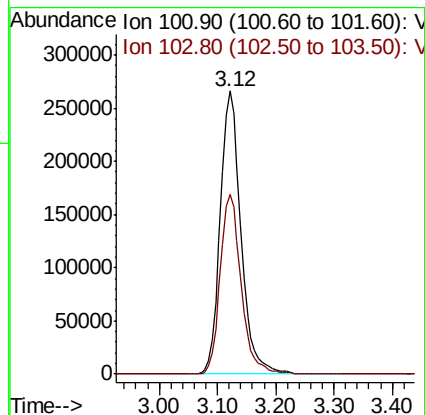
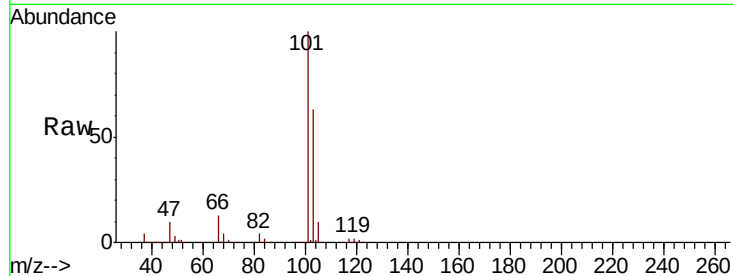


#7

Trichlorofluoromethane
 Concen: 135.500 ug/l
 RT: 3.12 min Scan# 227
 Delta R.T. -0.01 min
 Lab File: VY000270.D
 Acq: 11 Oct 2019 14:38

Instrument :
 MSVOA_Y
 ClientSampled :

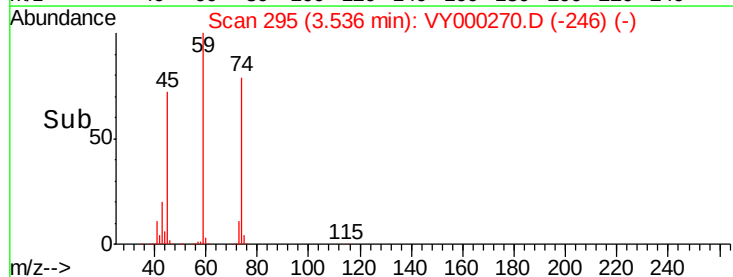
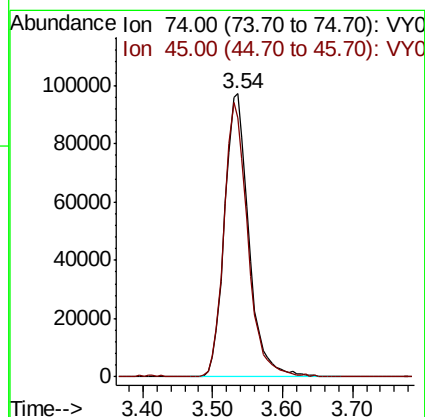
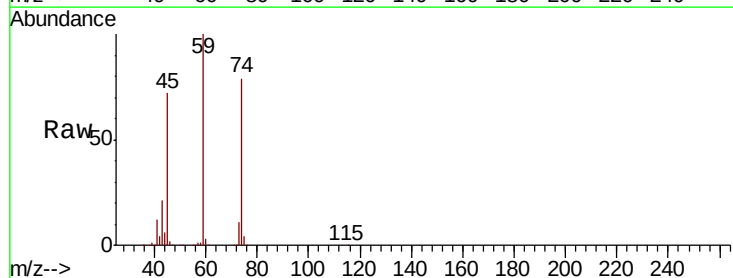
Tot Ion:101 Resp: 654905
 Ion Ratio Lower Upper
 101 100
 103 63.3 52.2 78.4

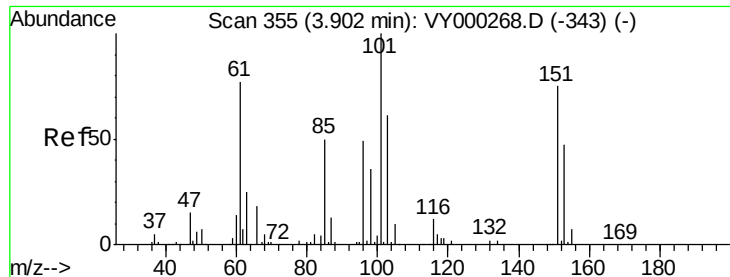


#8

Diethyl Ether
 Concen: 137.175 ug/l
 RT: 3.54 min Scan# 295
 Delta R.T. 0.00 min
 Lab File: VY000270.D
 Acq: 11 Oct 2019 14:38

Tgt Ion: 74 Resp: 234221
 Ion Ratio Lower Upper
 74 100
 45 95.8 47.1 141.4

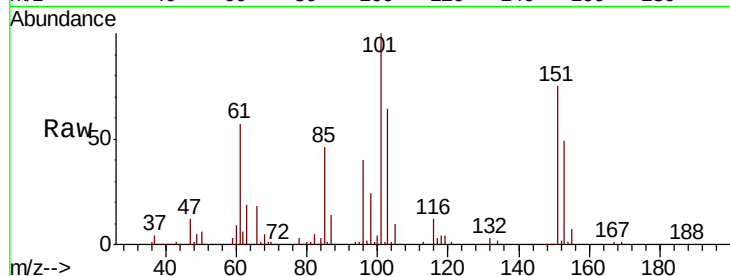




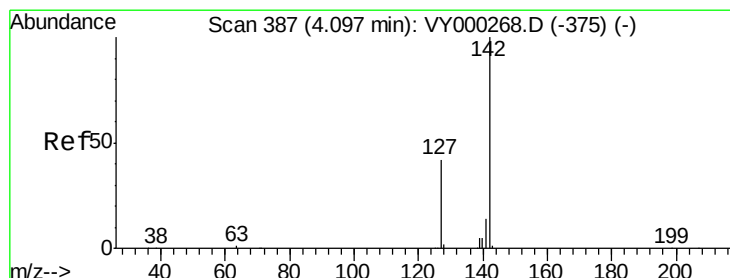
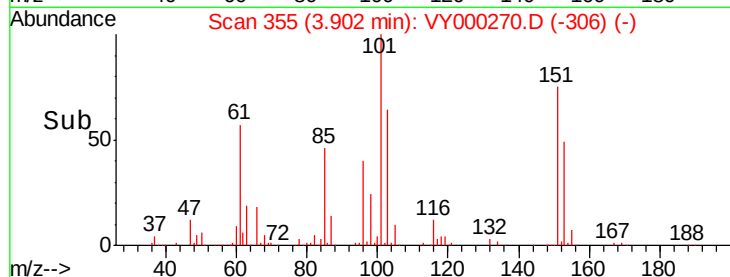
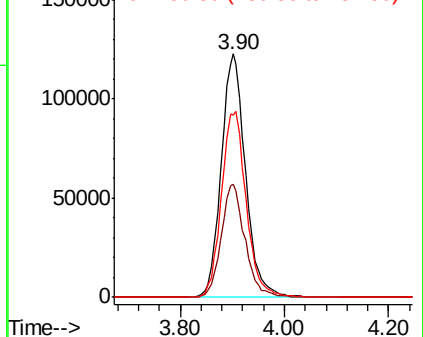
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 137.161 ug/l
 RT: 3.90 min Scan# 355
 Delta R.T. 0.00 min
 Lab File: VY000270.D
 Acq: 11 Oct 2019 14:38

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
101	100		
85	45.5	36.6	55.0
151	78.2	63.1	94.7

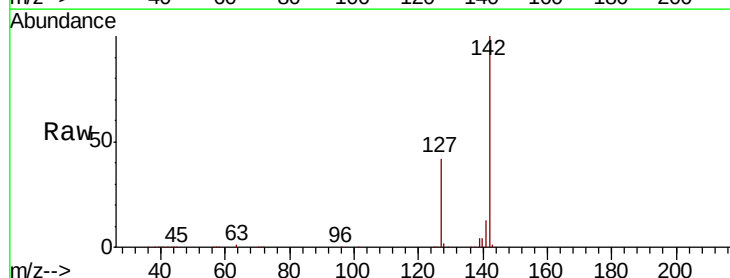


Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 84.90 (84.60 to 85.60): VY0
 Ion 150.80 (150.50 to 151.50): V

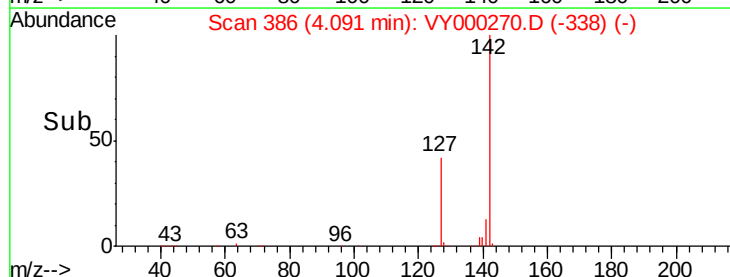
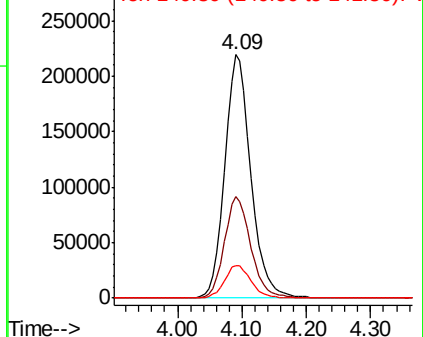


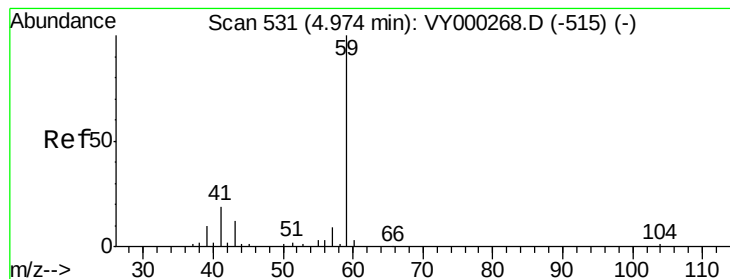
#10
 Methyl Iodide
 Concen: 163.130 ug/l
 RT: 4.09 min Scan# 386
 Delta R.T. -0.01 min
 Lab File: VY000270.D
 Acq: 11 Oct 2019 14:38

Tgt Ion	Ratio	Lower	Upper
142	100		
127	42.3	33.9	50.9
141	13.7	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



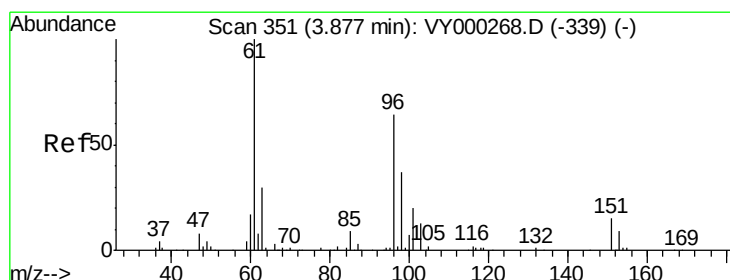
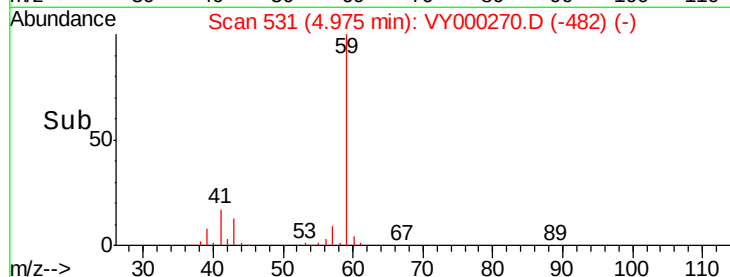
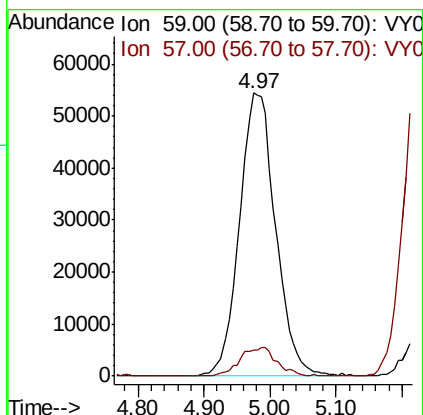
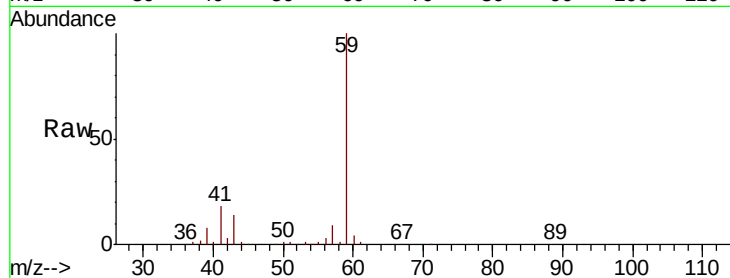


#11

Tert butyl alcohol
 Concen: 652.132 ug/l
 RT: 4.97 min Scan# 531
 Delta R.T. 0.00 min
 Lab File: VY000270.D
 Acq: 11 Oct 2019 14:38

Instrument :
 MSVOA_Y
 ClientSampleId :

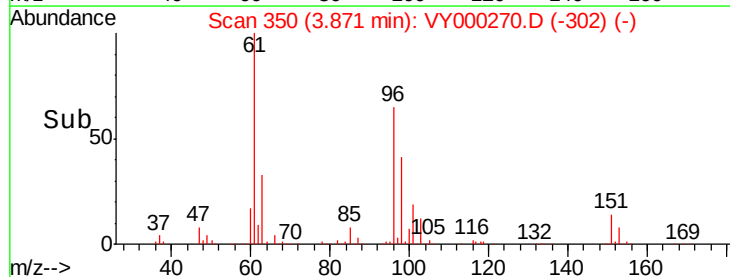
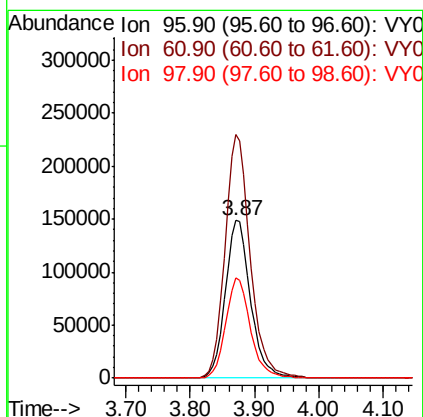
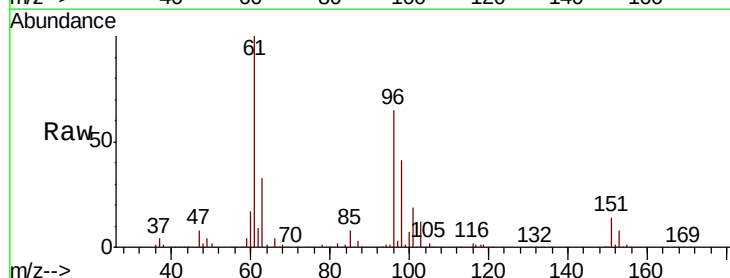
Tot Ion: 59 Resp: 206345
 Ion Ratio Lower Upper
 59 100
 57 10.4 8.2 12.2

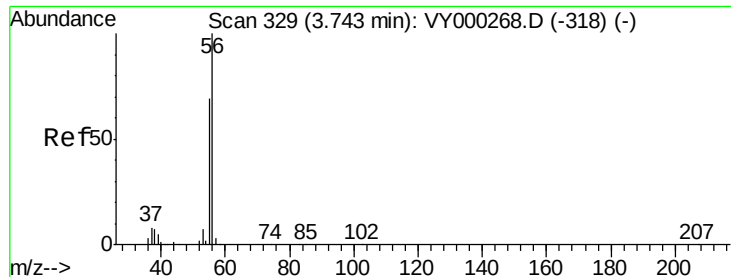


#12

1,1-Dichloroethene
 Concen: 141.266 ug/l
 RT: 3.87 min Scan# 350
 Delta R.T. -0.01 min
 Lab File: VY000270.D
 Acq: 11 Oct 2019 14:38

Tgt Ion: 96 Resp: 408783
 Ion Ratio Lower Upper
 96 100
 61 154.7 125.8 188.6
 98 63.7 46.2 69.2





#13

Acrolein

Concen: 719.369 ug/l

RT: 3.74 min Scan# 328

Delta R.T. -0.01 min

Lab File: VY000270.D

Acq: 11 Oct 2019 14:38

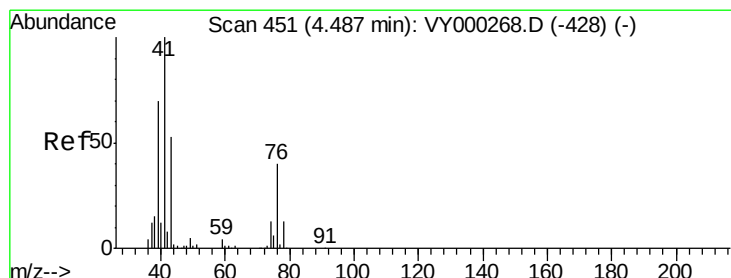
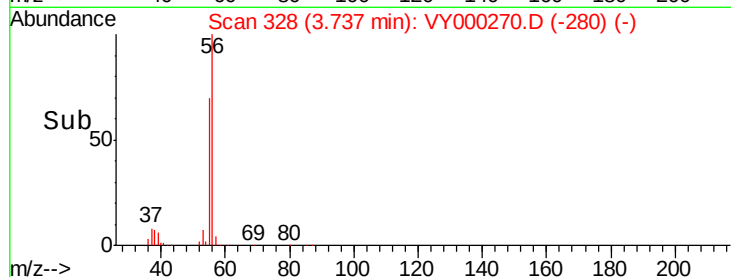
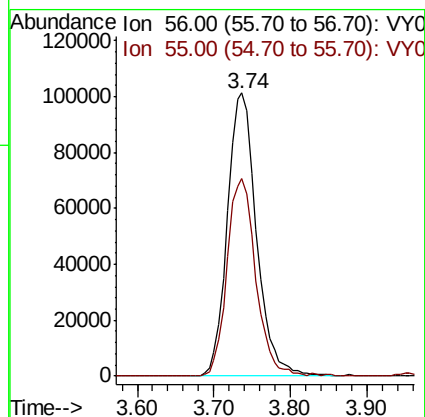
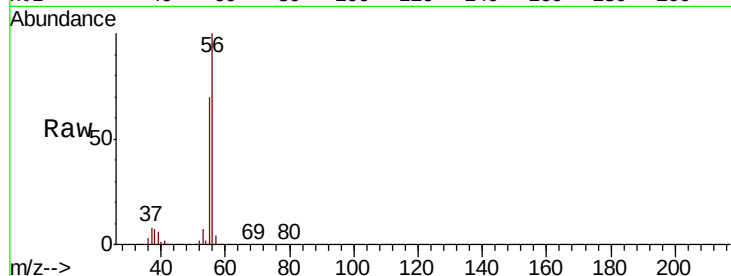
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 56 Resp: 266749

Ion Ratio Lower Upper

56 100

55 68.6 55.7 83.5



#14

Allyl chloride

Concen: 146.781 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.00 min

Lab File: VY000270.D

Acq: 11 Oct 2019 14:38

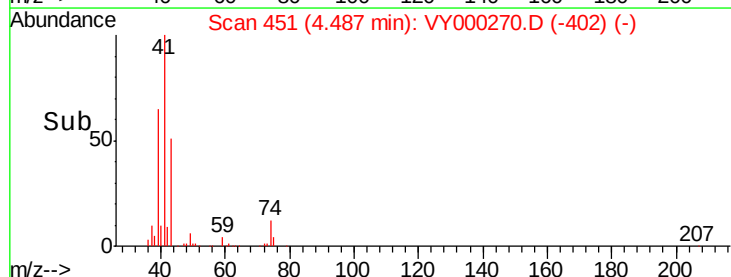
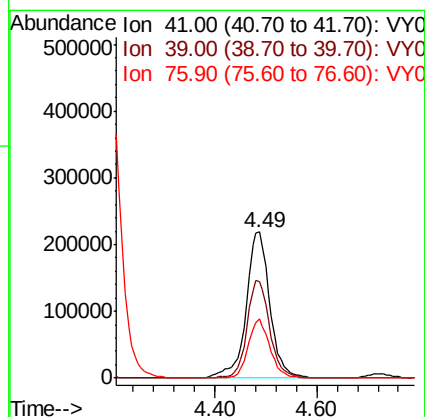
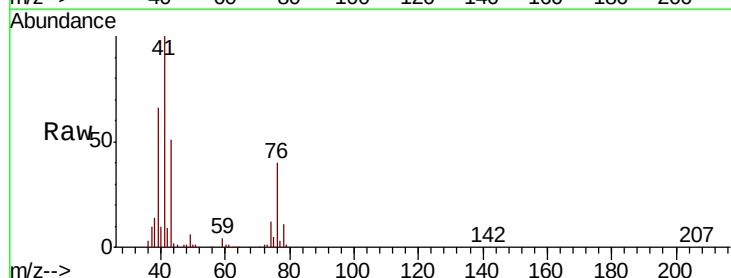
Tgt Ion: 41 Resp: 703874

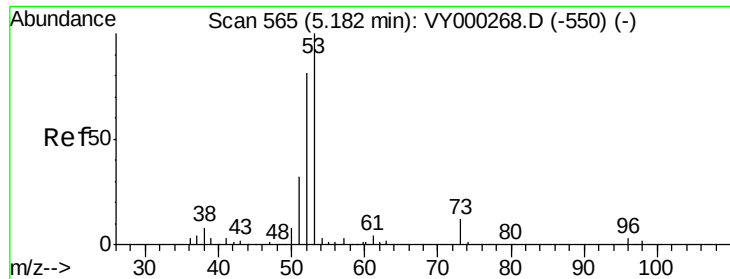
Ion Ratio Lower Upper

41 100

39 64.5 54.0 81.0

76 36.9 30.7 46.1





#15

Acrylonitrile

Concen: 719.865 ug/l

RT: 5.18 min Scan# 564

Delta R.T. -0.01 min

Lab File: VY000270.D

Acq: 11 Oct 2019 14:38

Instrument :

MSVOA_Y

ClientSampled :

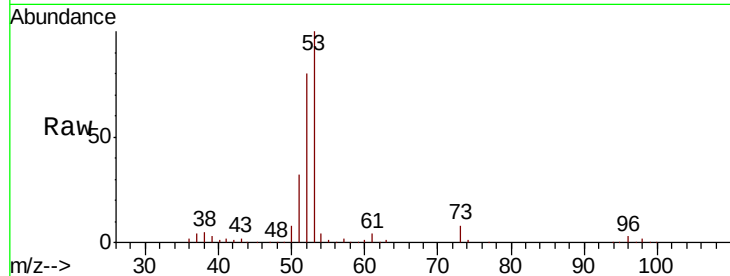
Tot Ion: 53 Resp: 687970

Ion Ratio Lower Upper

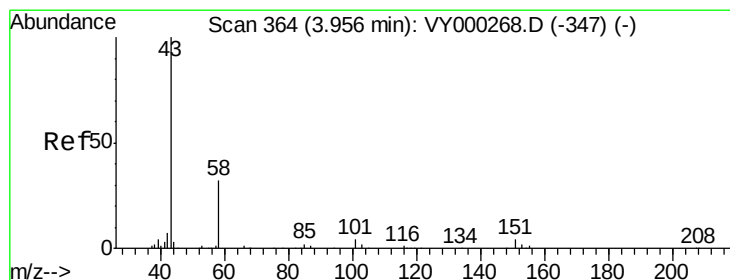
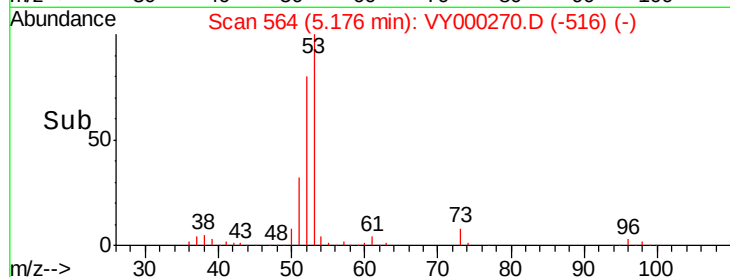
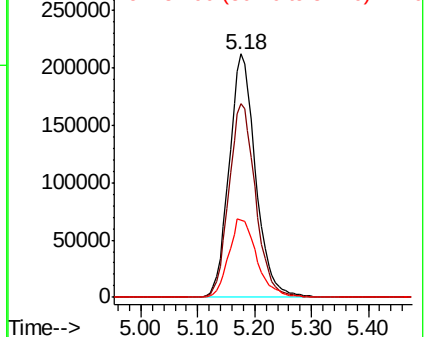
53 100

52 80.0 62.9 94.3

51 34.2 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: 722.184 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.00 min

Lab File: VY000270.D

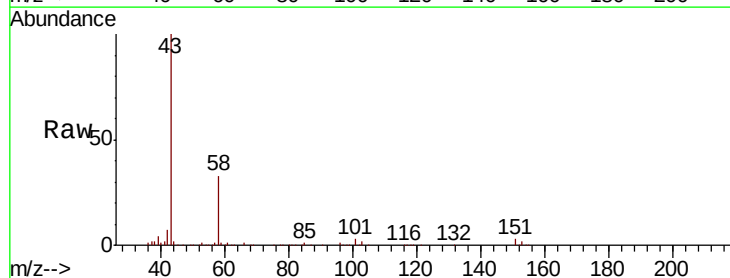
Acq: 11 Oct 2019 14:38

Tgt Ion: 43 Resp: 706831

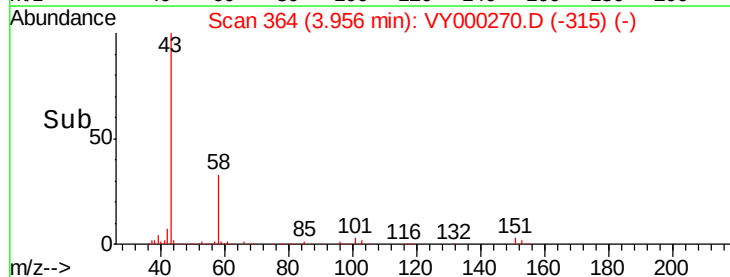
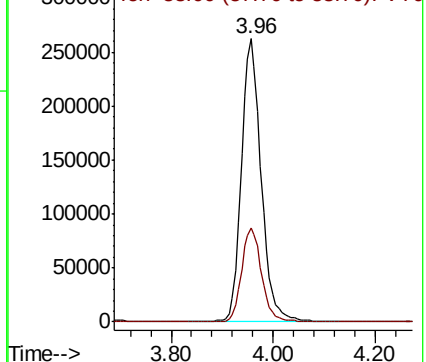
Ion Ratio Lower Upper

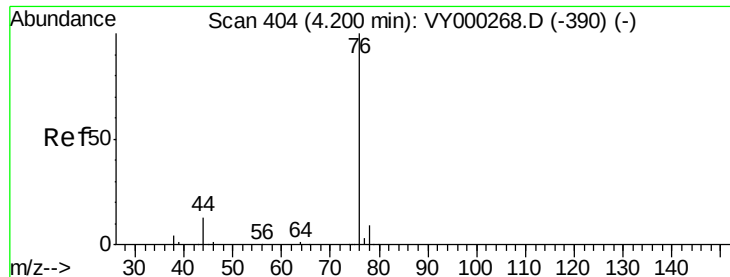
43 100

58 33.1 25.8 38.6



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

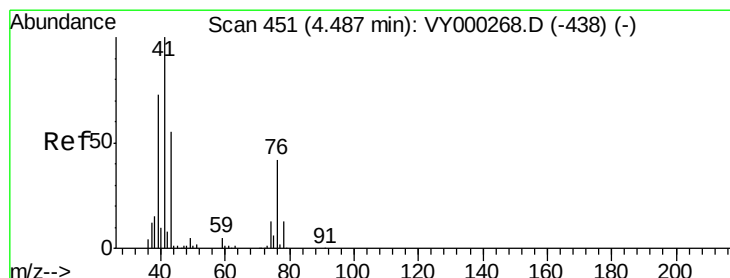
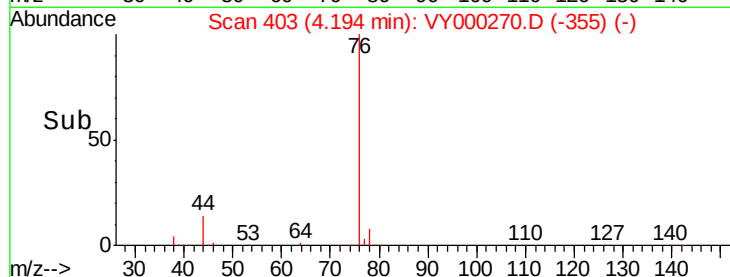
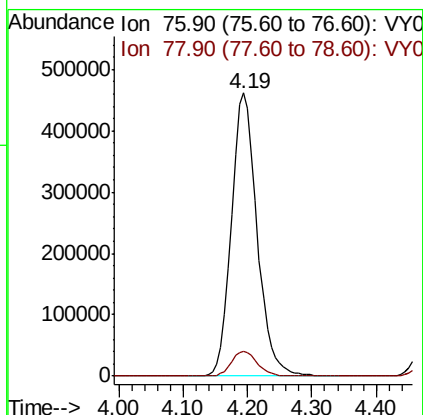
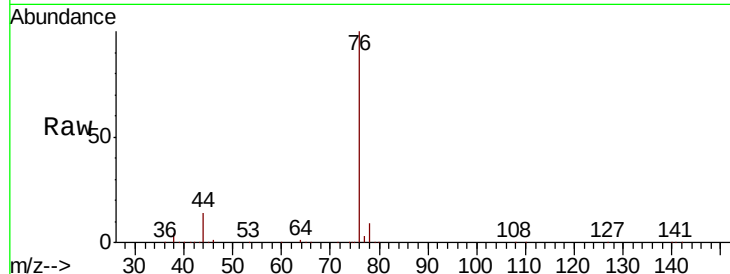




#17
Carbon Disulfide
Concen: 141.480 ug/l
RT: 4.19 min Scan# 403
Delta R.T. -0.01 min
Lab File: VY000270.D
Acq: 11 Oct 2019 14:38

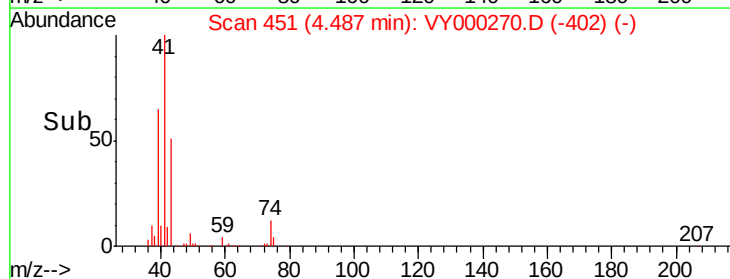
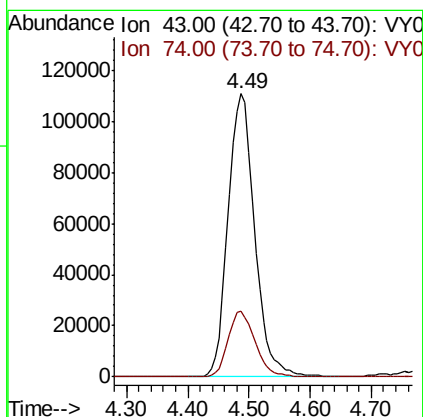
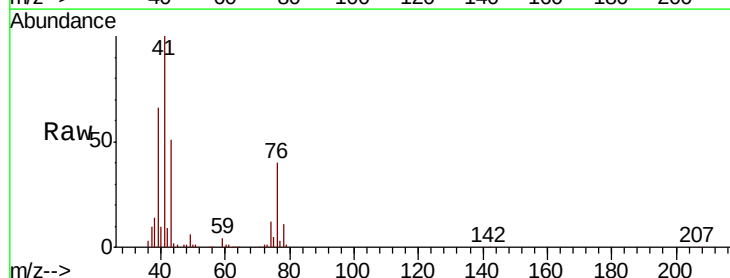
Instrument :
MSVOA_Y
ClientSampleId :

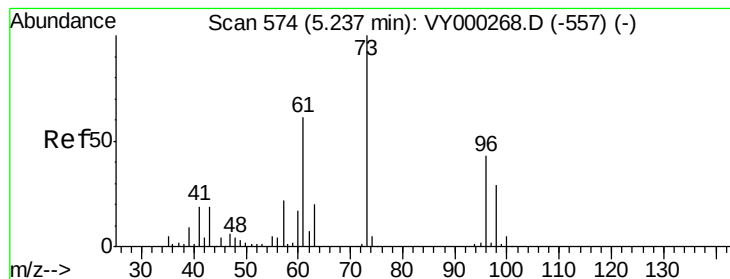
Tot Ion: 76 Resp: 1289015
Ion Ratio Lower Upper
76 100
78 8.8 7.0 10.4



#18
Methyl Acetate
Concen: 136.612 ug/l
RT: 4.49 min Scan# 451
Delta R.T. 0.00 min
Lab File: VY000270.D
Acq: 11 Oct 2019 14:38

Tgt Ion: 43 Resp: 332212
Ion Ratio Lower Upper
43 100
74 23.5 20.4 30.6



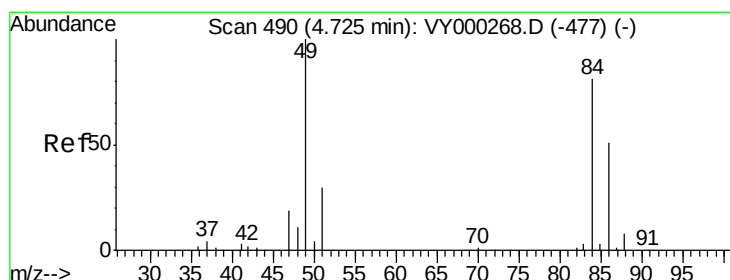
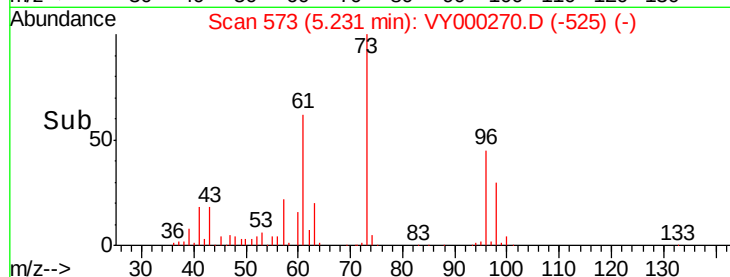
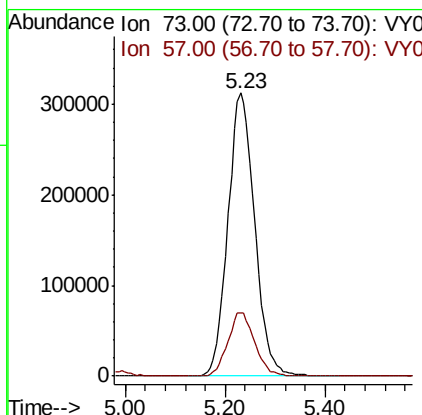
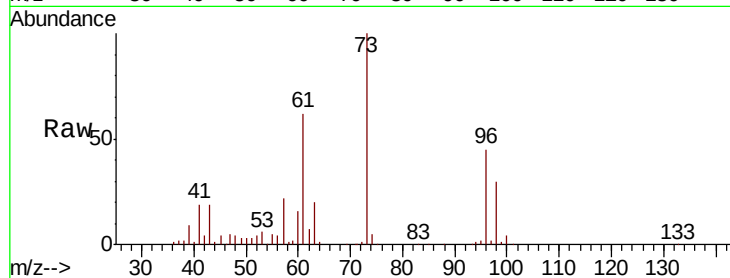


#19

Methyl tert-butyl Ether
 Concen: 144.425 ug/l
 RT: 5.23 min Scan# 573
 Delta R.T. -0.01 min
 Lab File: VY000270.D
 Acq: 11 Oct 2019 14:38

Instrument :
 MSVOA_Y
 ClientSampleId :

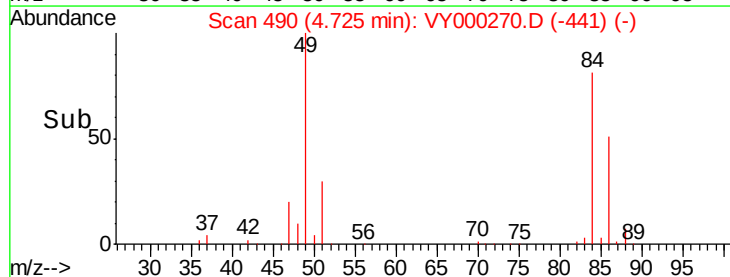
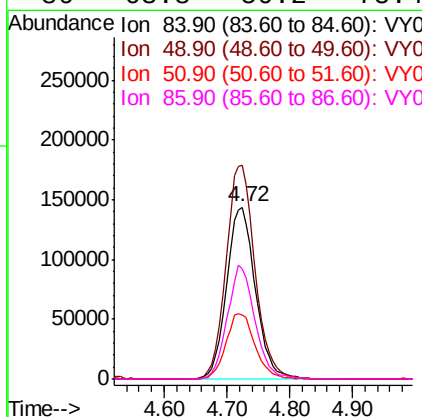
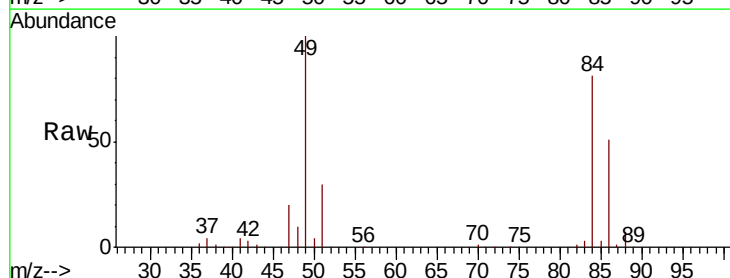
Tot Ion: 73 Resp: 1163416
 Ion Ratio Lower Upper
 73 100
 57 22.4 17.4 26.0

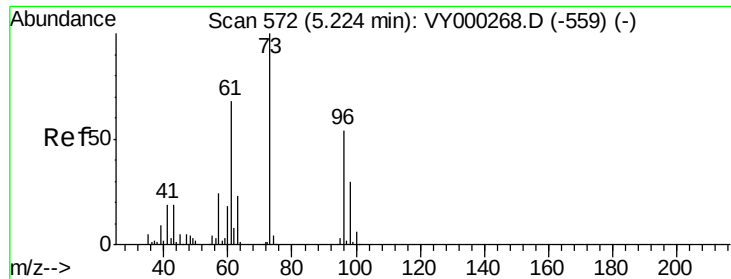


#20

Methylene Chloride
 Concen: 113.526 ug/l
 RT: 4.72 min Scan# 490
 Delta R.T. 0.00 min
 Lab File: VY000270.D
 Acq: 11 Oct 2019 14:38

Tgt Ion: 84 Resp: 455641
 Ion Ratio Lower Upper
 84 100
 49 124.1 99.0 148.4
 51 37.2 29.3 43.9
 86 63.8 50.2 75.4





#21

trans-1,2-Dichloroethene

Concen: 140.535 ug/l

RT: 5.22 min Scan# 572

Delta R.T. 0.00 min

Lab File: VY000270.D

Acq: 11 Oct 2019 14:38

Instrument :

MSVOA_Y

ClientSampleId :

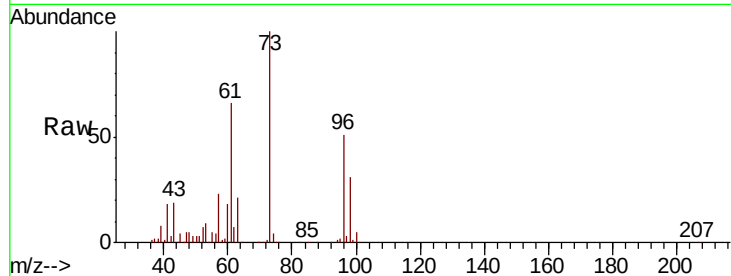
Tot Ion: 96 Resp: 466570

Ion Ratio Lower Upper

96 100

61 130.0 100.4 150.6

98 61.4 44.6 66.8

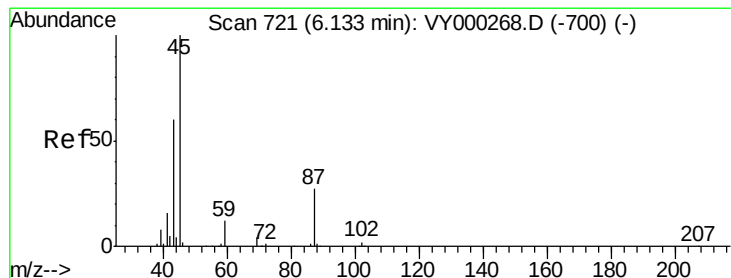
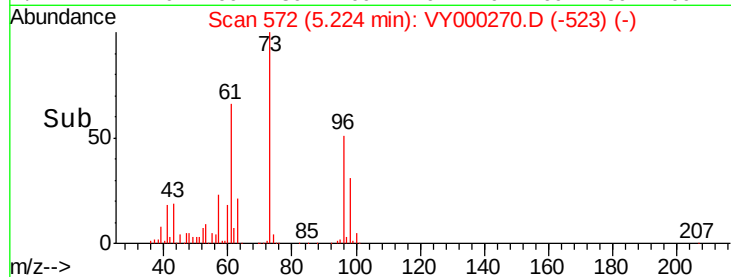
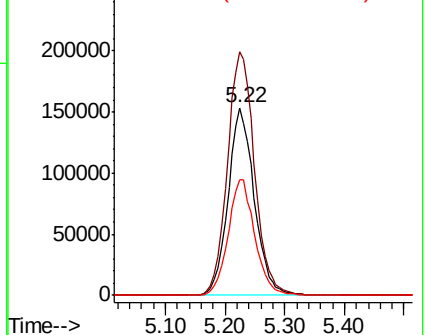


Abundance

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: 151.357 ug/l

RT: 6.13 min Scan# 721

Delta R.T. 0.00 min

Lab File: VY000270.D

Acq: 11 Oct 2019 14:38

Tgt Ion: 45 Resp: 1535127

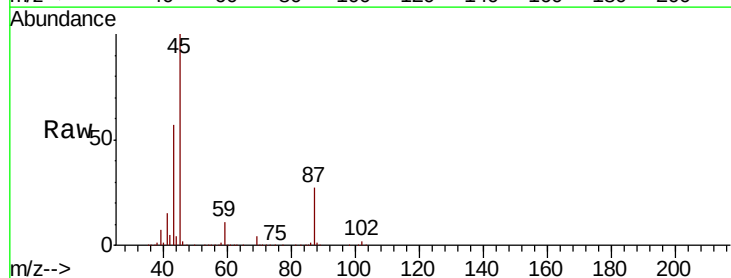
Ion Ratio Lower Upper

45 100

43 57.0 48.5 72.7

87 26.7 21.5 32.3

59 11.4 9.4 14.0



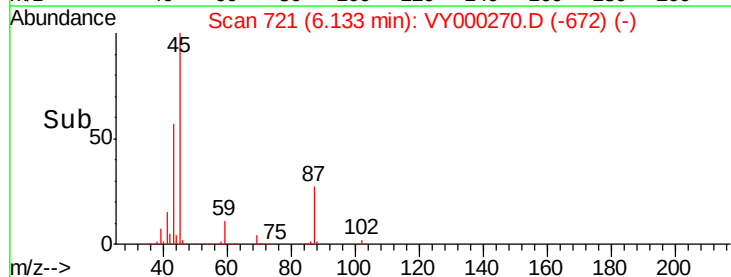
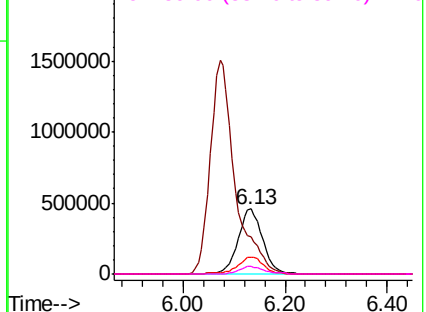
Abundance

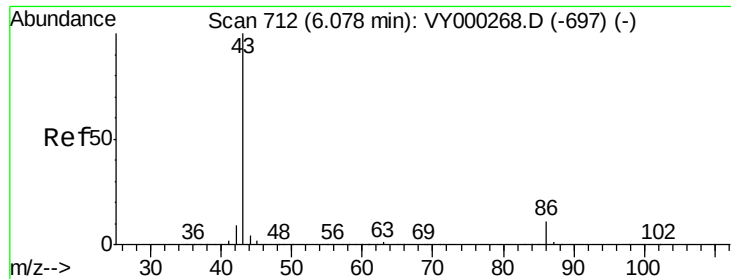
Ion 45.00 (44.70 to 45.70): VY0

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: 766.084 ug/l

RT: 6.07 min Scan# 711

Delta R.T. -0.01 min

Lab File: VY000270.D

Acq: 11 Oct 2019 14:38

Instrument :

MSVOA_Y

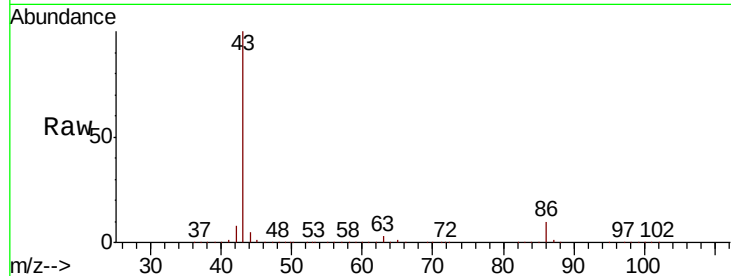
ClientSampleId :

Tot Ion: 43 Resp: 5069000

Ion Ratio Lower Upper

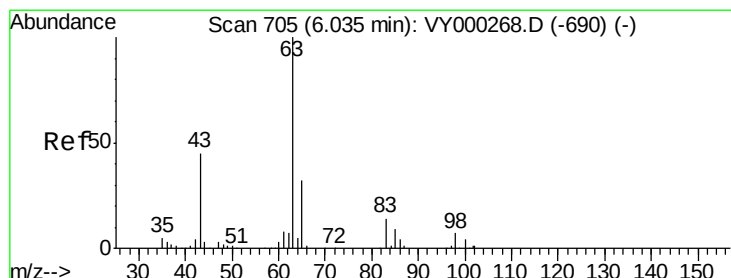
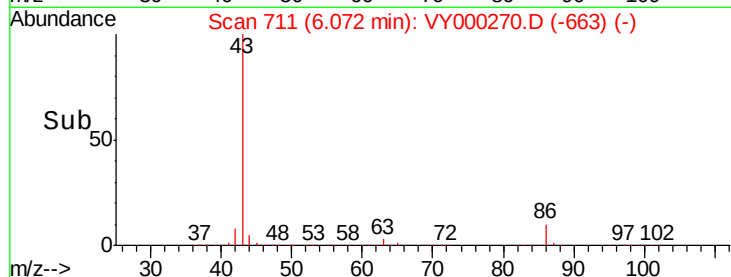
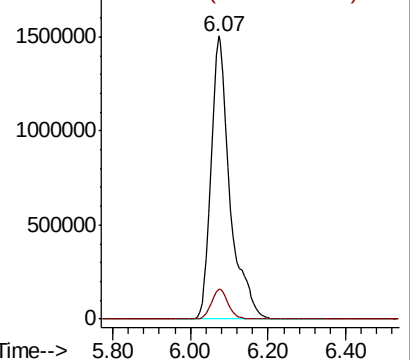
43 100

86 10.5 8.6 13.0



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 145.084 ug/l

RT: 6.03 min Scan# 704

Delta R.T. -0.01 min

Lab File: VY000270.D

Acq: 11 Oct 2019 14:38

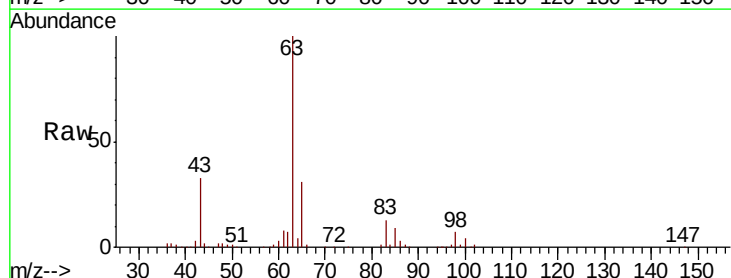
Tgt Ion: 63 Resp: 803202

Ion Ratio Lower Upper

63 100

98 7.1 3.5 10.4

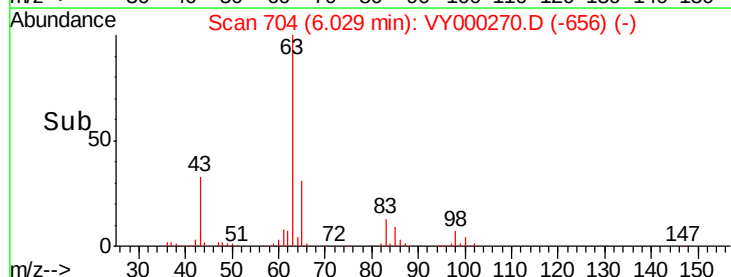
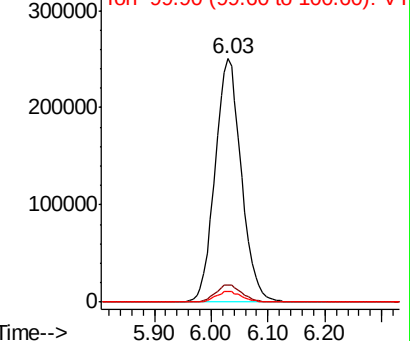
100 4.5 2.1 6.2

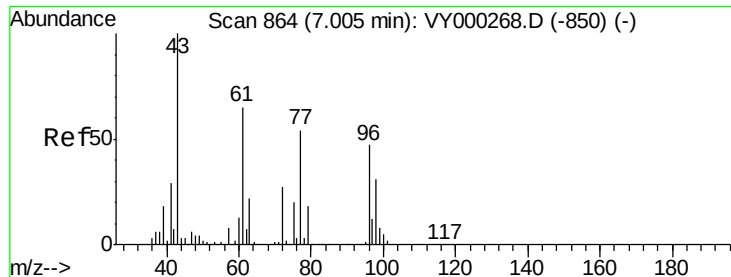


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0





#25

2-Butanone

Concen: 717.579 ug/l

RT: 7.00 min Scan# 864

Delta R.T. 0.00 min

Lab File: VY000270.D

Acq: 11 Oct 2019 14:38

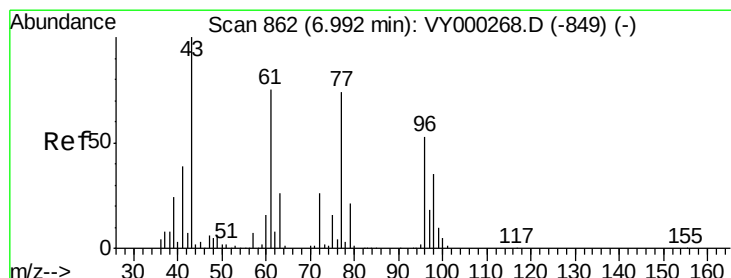
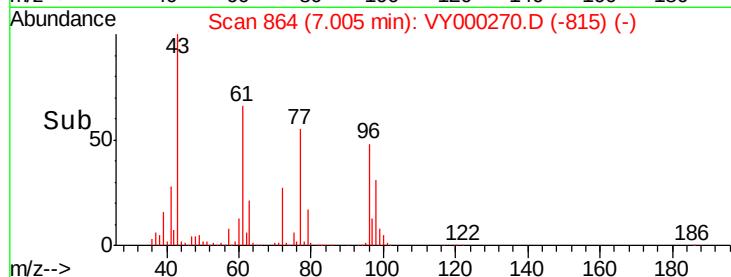
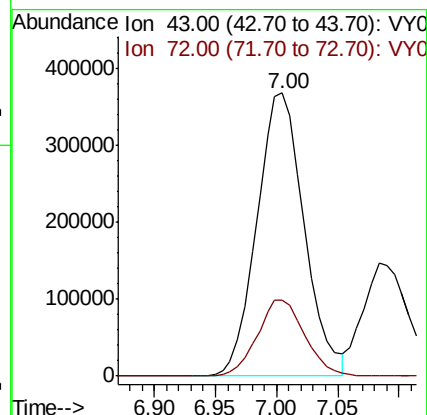
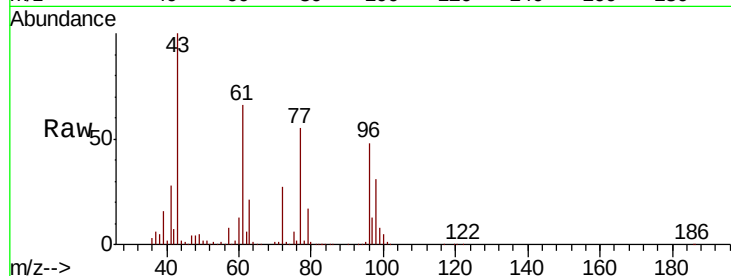
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 43 Resp: 989351

Ion Ratio Lower Upper

43 100

72 26.9 21.4 32.2



#26

2,2-Dichloropropane

Concen: 137.695 ug/l

RT: 6.99 min Scan# 862

Delta R.T. 0.00 min

Lab File: VY000270.D

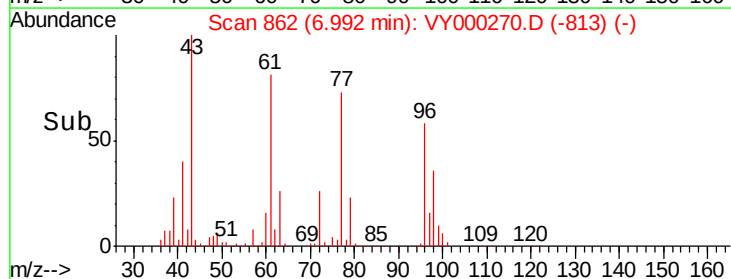
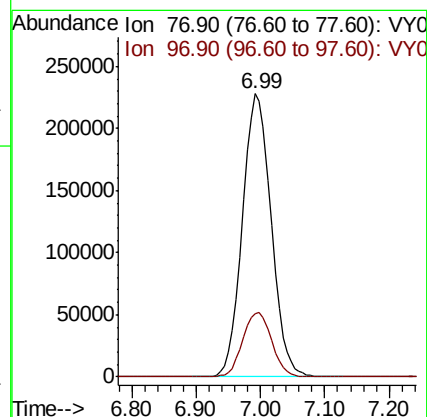
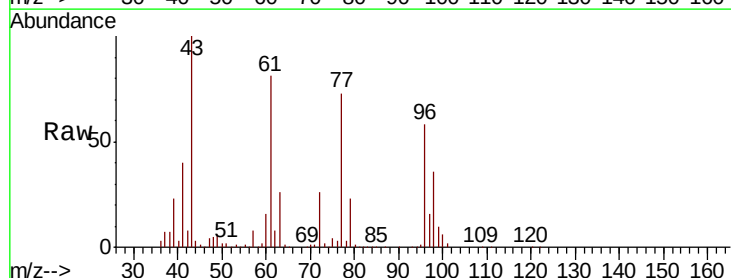
Acq: 11 Oct 2019 14:38

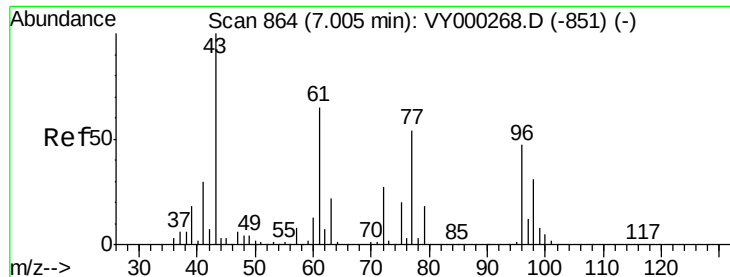
Tgt Ion: 77 Resp: 702426

Ion Ratio Lower Upper

77 100

97 23.0 11.6 34.7



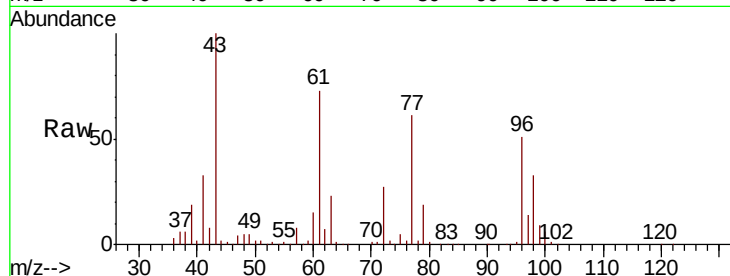


#27

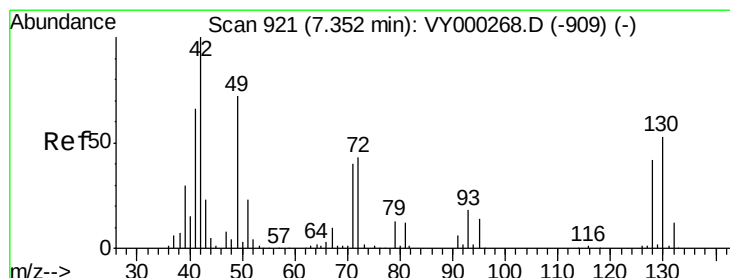
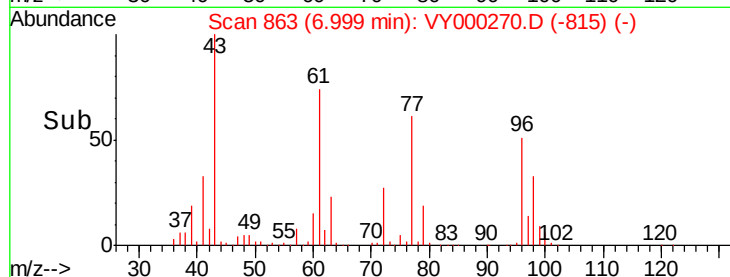
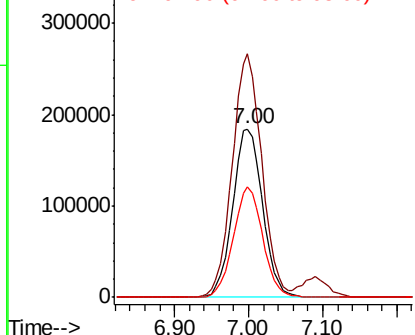
cis-1,2-Dichloroethene
Concen: 144.271 ug/l
RT: 7.00 min Scan# 863
Delta R.T. -0.01 min
Lab File: VY000270.D
Acq: 11 Oct 2019 14:38

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion	Ratio	Lower	Upper
96	100		
61	143.3	0.0	289.8
98	64.5	0.0	131.8



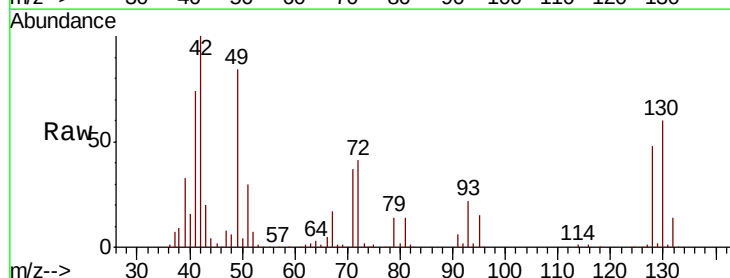
Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



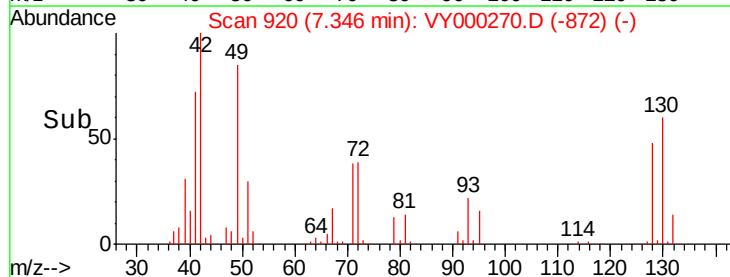
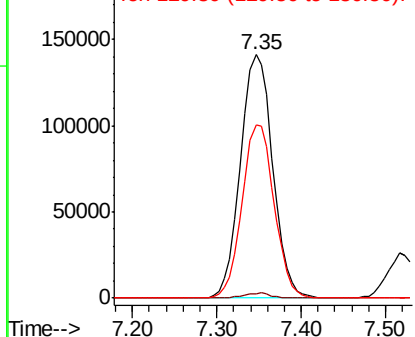
#28

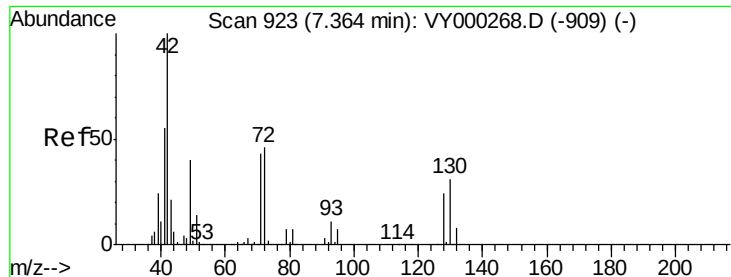
Bromochloromethane
Concen: 153.803 ug/l
RT: 7.35 min Scan# 920
Delta R.T. -0.01 min
Lab File: VY000270.D
Acq: 11 Oct 2019 14:38

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.0
130	70.8	58.2	87.2



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

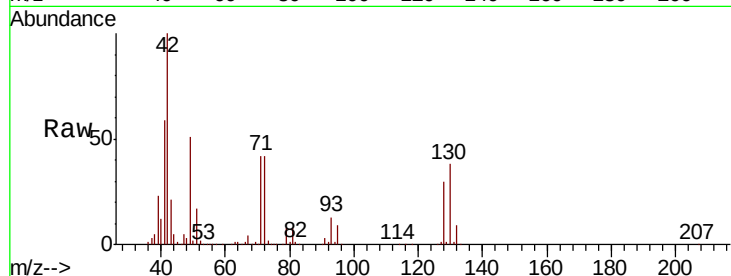




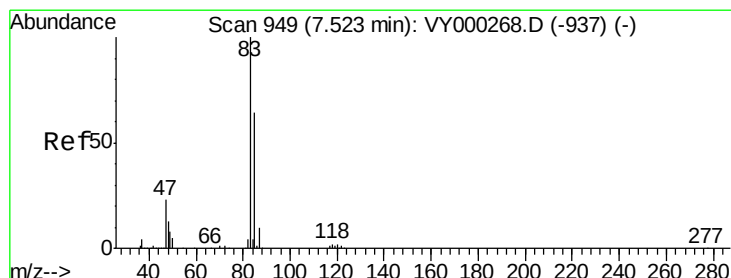
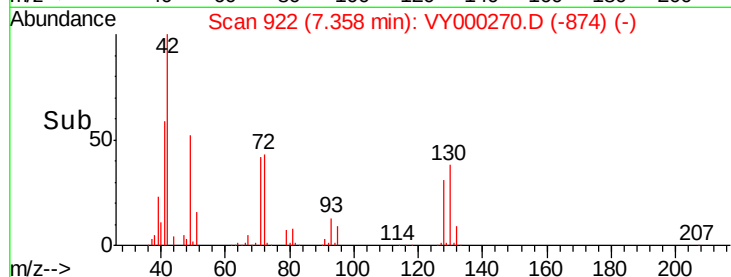
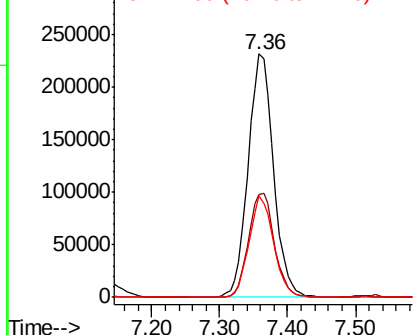
#29
Tetrahydrofuran
Concen: 721.169 ug/l
RT: 7.36 min Scan# 922
Delta R.T. -0.01 min
Lab File: VY000270.D
Acq: 11 Oct 2019 14:38

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 42 Resp: 602585
Ion Ratio Lower Upper
42 100
72 43.5 34.5 51.7
71 40.2 32.7 49.1

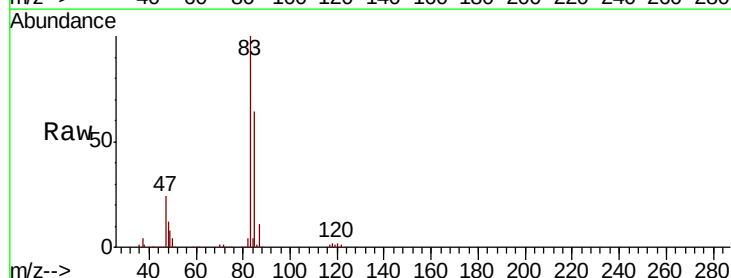


Abundance Ion 42.00 (41.70 to 42.70): VY0
Ion 72.00 (71.70 to 72.70): VY0
Ion 71.00 (70.70 to 71.70): VY0

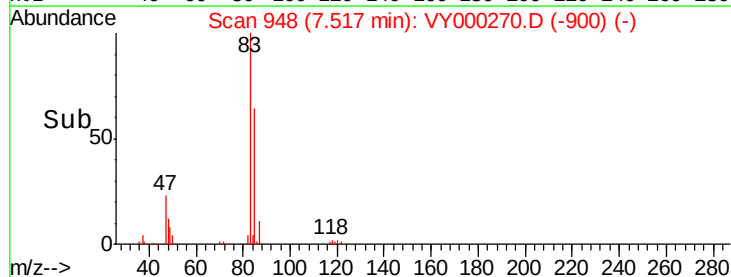
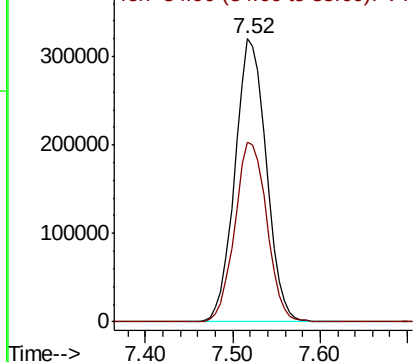


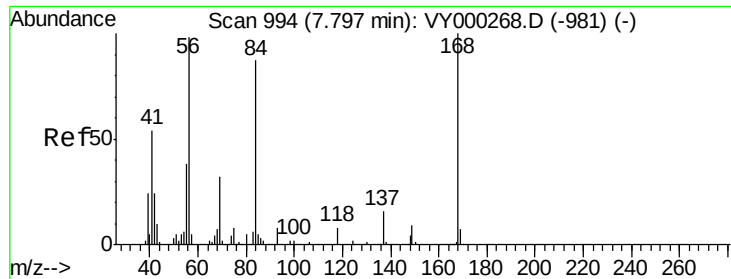
#30
Chloroform
Concen: 143.051 ug/l
RT: 7.52 min Scan# 948
Delta R.T. -0.01 min
Lab File: VY000270.D
Acq: 11 Oct 2019 14:38

Tgt Ion: 83 Resp: 797542
Ion Ratio Lower Upper
83 100
85 63.6 51.4 77.2



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

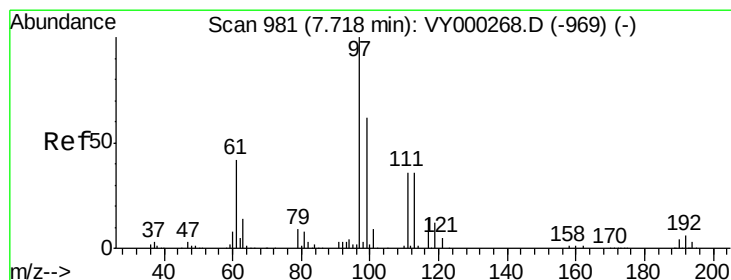
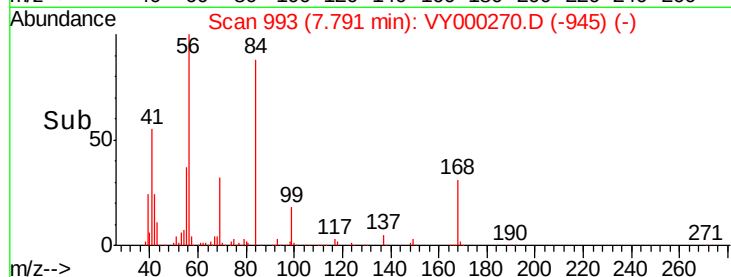
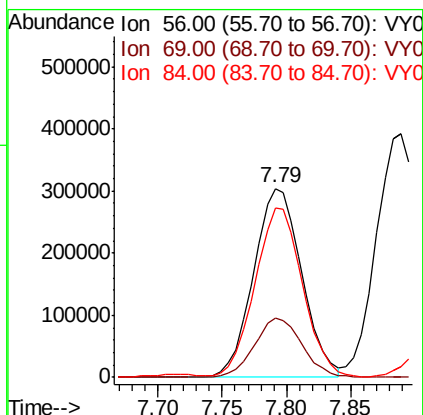
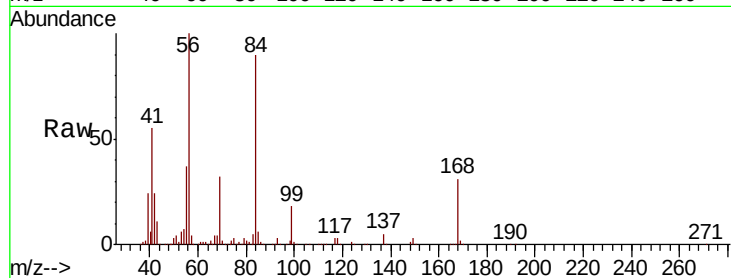




#31
Cyclohexane
Concen: 136.376 ug/l
RT: 7.79 min Scan# 993
Delta R.T. -0.01 min
Lab File: VY000270.D
Acq: 11 Oct 2019 14:38

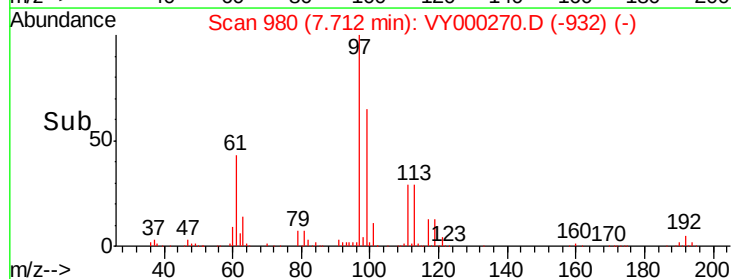
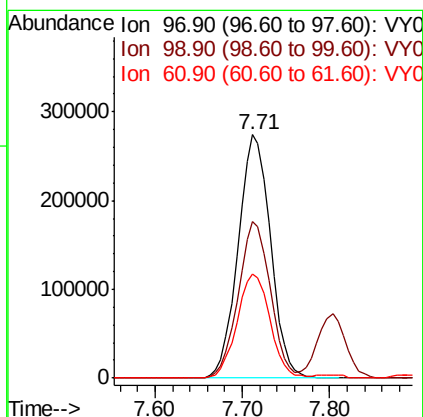
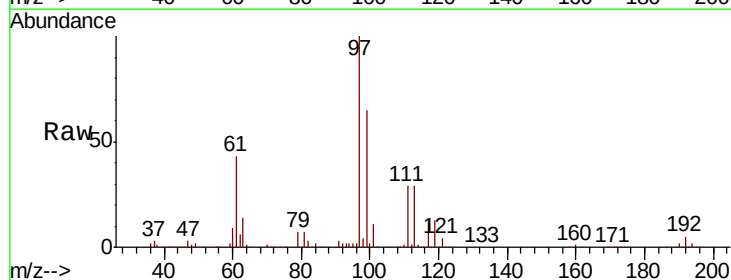
Instrument :
MSVOA_Y
ClientSampleId :

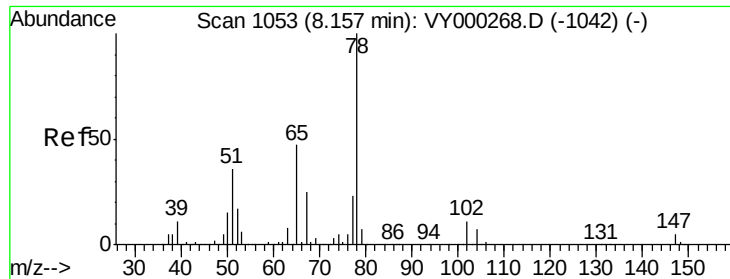
Tot Ion: 56 Resp: 788550
Ion Ratio Lower Upper
56 100
69 31.6 26.3 39.5
84 88.4 70.8 106.2



#32
1,1,1-Trichloroethane
Concen: 142.587 ug/l
RT: 7.71 min Scan# 980
Delta R.T. -0.01 min
Lab File: VY000270.D
Acq: 11 Oct 2019 14:38

Tgt Ion: 97 Resp: 706748
Ion Ratio Lower Upper
97 100
99 63.5 51.7 77.5
61 43.5 34.5 51.7

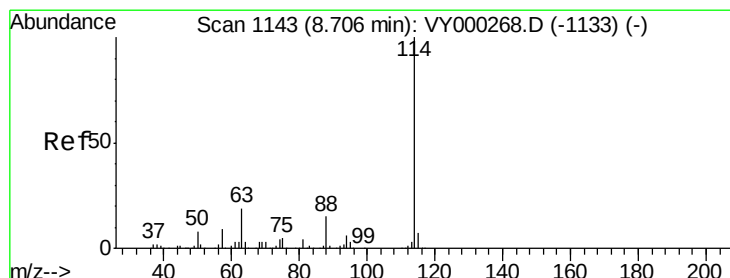
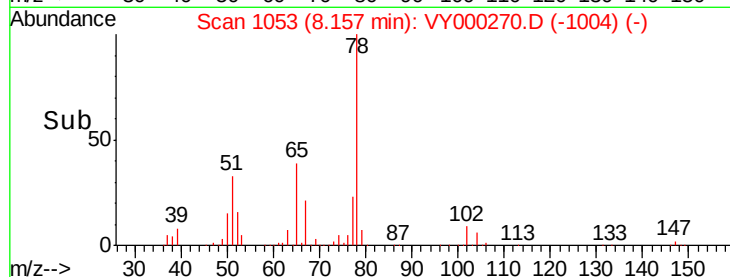
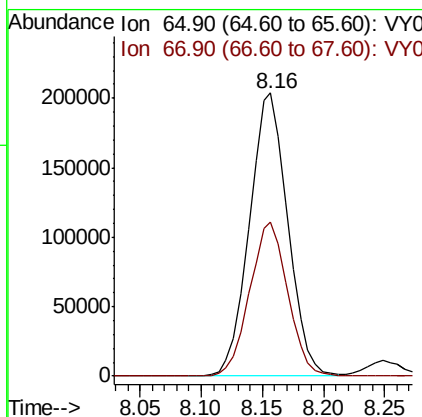
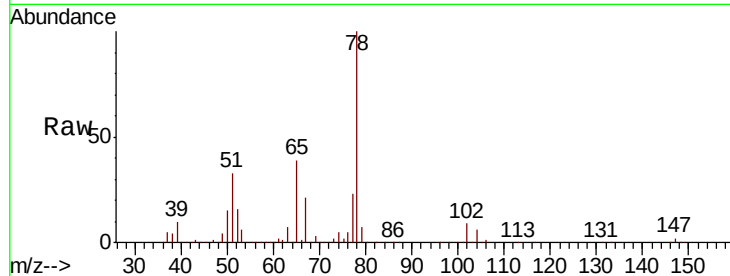




#33
 1,2-Dichloroethane-d4
 Concen: 147.030 ug/l
 RT: 8.16 min Scan# 1053
 Delta R.T. 0.00 min
 Lab File: VY000270.D
 Acq: 11 Oct 2019 14:38

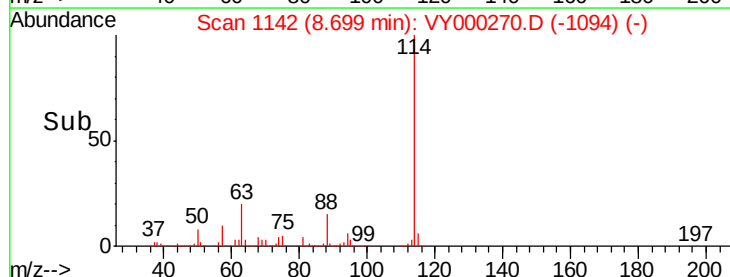
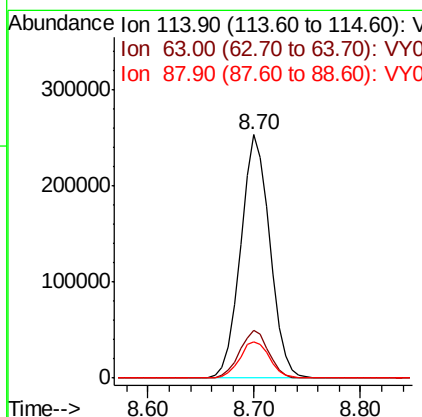
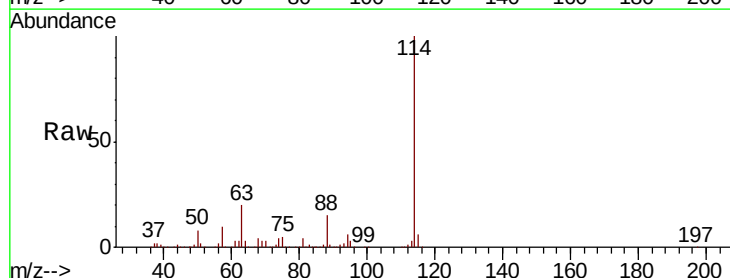
Instrument :
 MSVOA_Y
 ClientSampled :

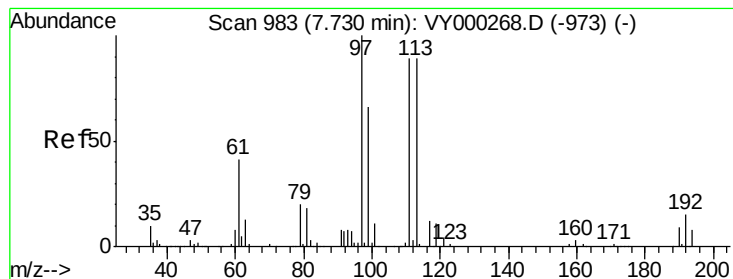
Tot Ion: 65 Resp: 444365
 Ion Ratio Lower Upper
 65 100
 67 54.0 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.01 min
 Lab File: VY000270.D
 Acq: 11 Oct 2019 14:38

Tgt Ion: 114 Resp: 487568
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 37.2
 88 15.0 0.0 30.2





#35

Dibromofluoromethane

Concen: 139.977 ug/l

RT: 7.73 min Scan# 983

Delta R.T. 0.00 min

Lab File: VY000270.D

Acq: 11 Oct 2019 14:38

Instrument :

MSVOA_Y

ClientSampleId :

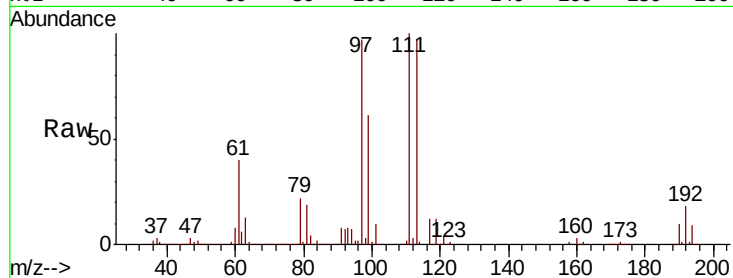
Tot Ion:113 Resp: 411681

Ion Ratio Lower Upper

113 100

111 102.2 81.6 122.4

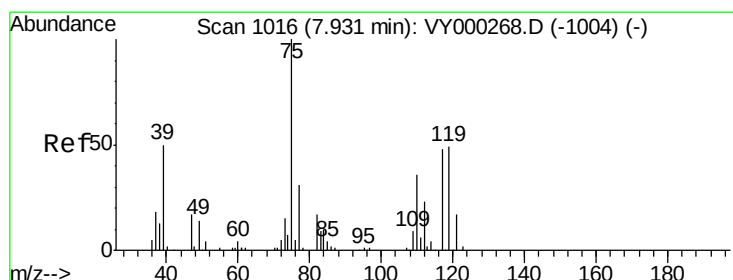
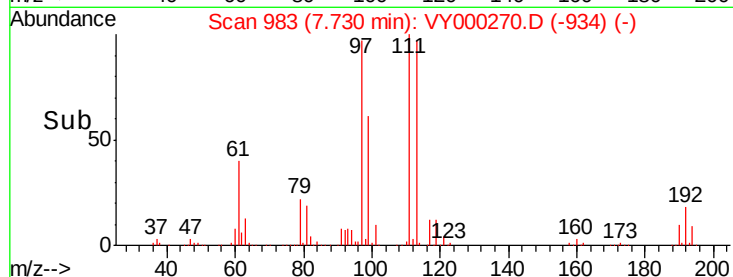
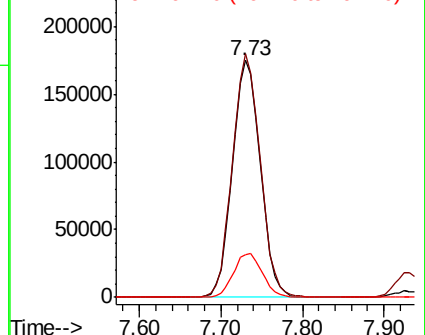
192 19.1 15.3 22.9



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 133.833 ug/l

RT: 7.93 min Scan# 1016

Delta R.T. 0.00 min

Lab File: VY000270.D

Acq: 11 Oct 2019 14:38

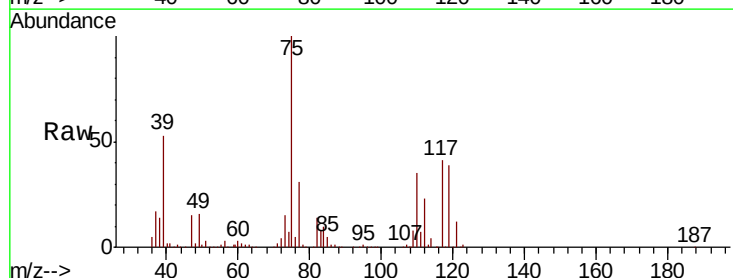
Tgt Ion: 75 Resp: 638867

Ion Ratio Lower Upper

75 100

110 36.2 18.4 55.4

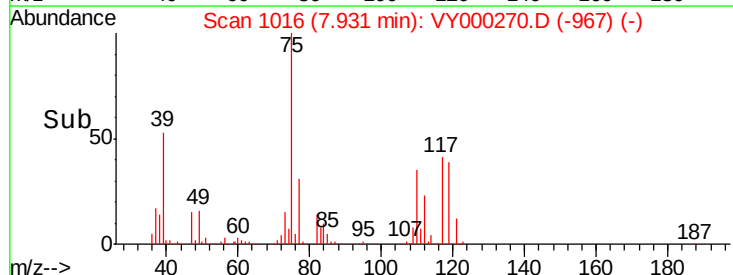
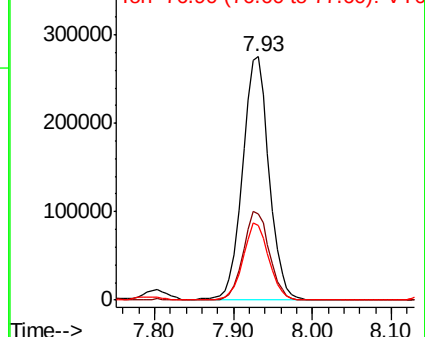
77 31.2 25.0 37.6

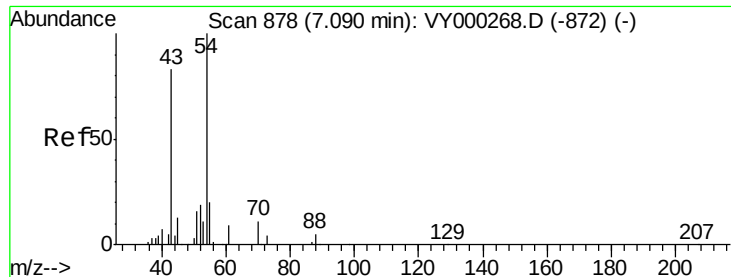


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0

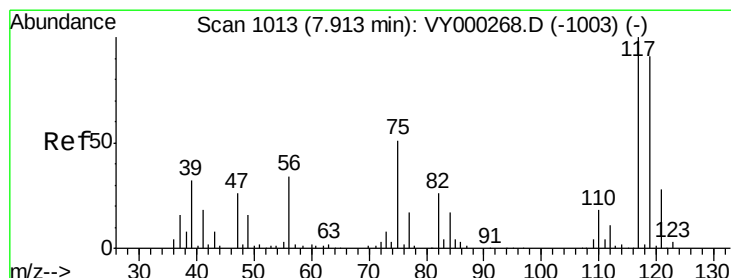
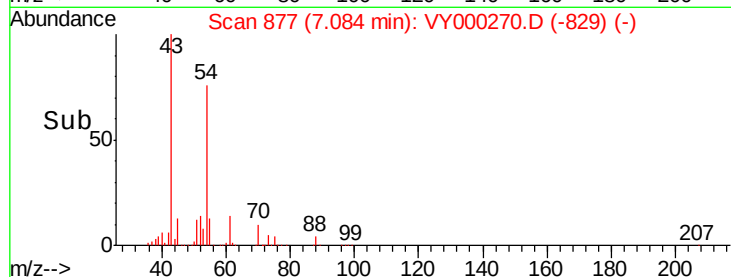
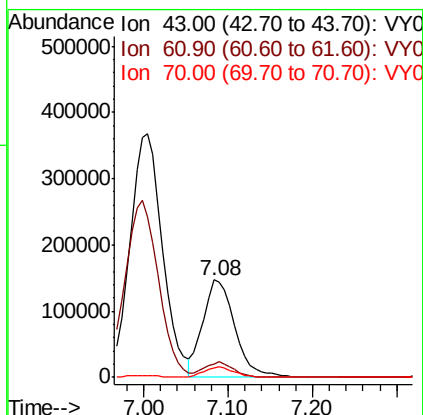
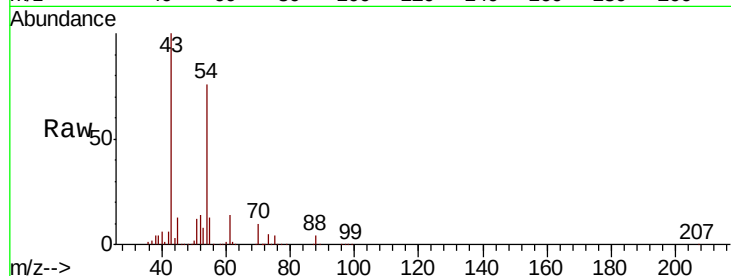




#37
Ethyl Acetate
Concen: 137.645 ug/l
RT: 7.08 min Scan# 877
Delta R.T. -0.01 min
Lab File: VY000270.D
Acq: 11 Oct 2019 14:38

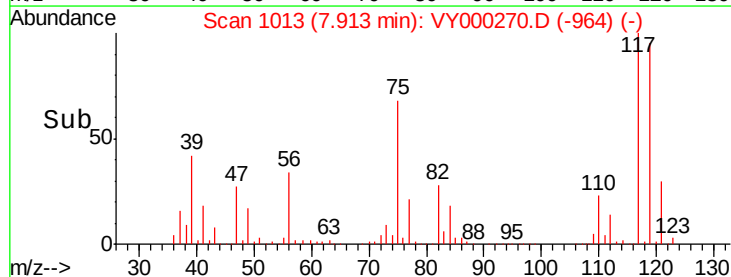
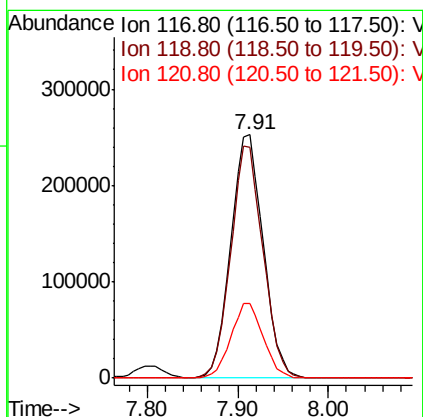
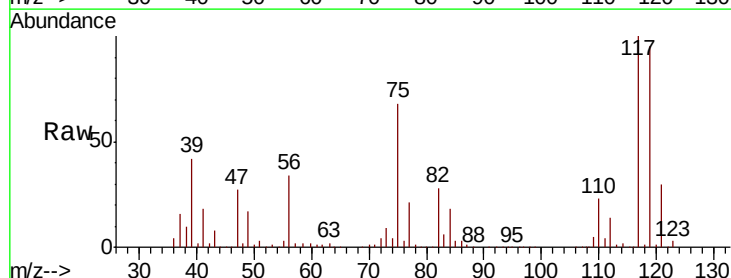
Instrument :
MSVOA_Y
ClientSampled :

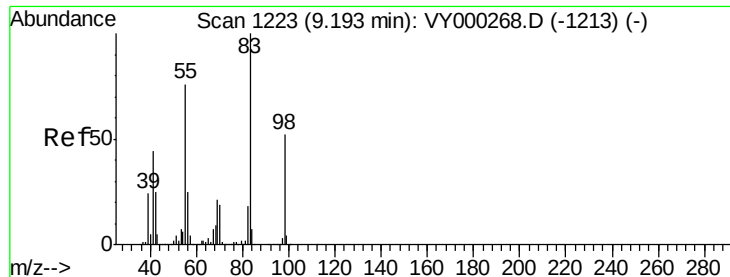
Tot Ion: 43 Resp: 389060
Ion Ratio Lower Upper
43 100
61 13.9 12.1 18.1
70 10.4 8.7 13.1



#38
Carbon Tetrachloride
Concen: 135.463 ug/l
RT: 7.91 min Scan# 1013
Delta R.T. 0.00 min
Lab File: VY000270.D
Acq: 11 Oct 2019 14:38

Tgt Ion: 117 Resp: 626106
Ion Ratio Lower Upper
117 100
119 95.1 72.8 109.2
121 30.5 22.2 33.2

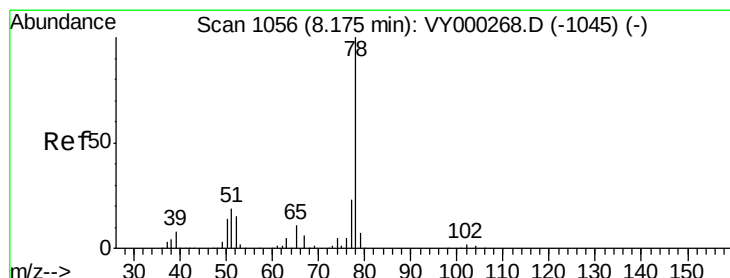
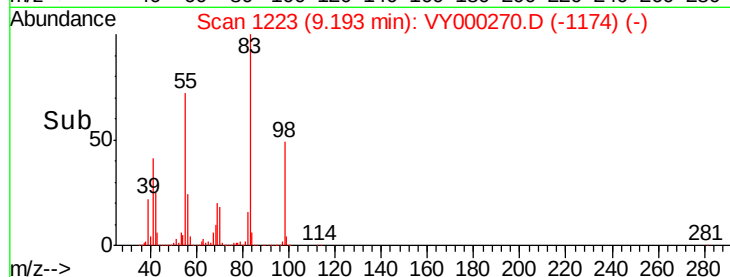
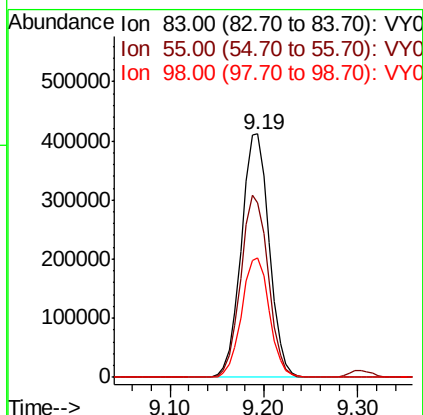
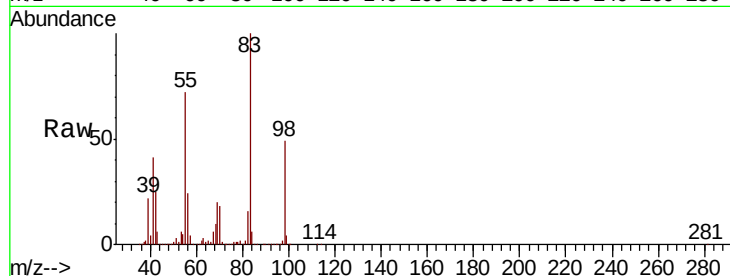




#39
Methylvlcyclohexane
Concen: 136.678 ug/l
RT: 9.19 min Scan# 1223
Delta R.T. 0.00 min
Lab File: VY000270.D
Acq: 11 Oct 2019 14:38

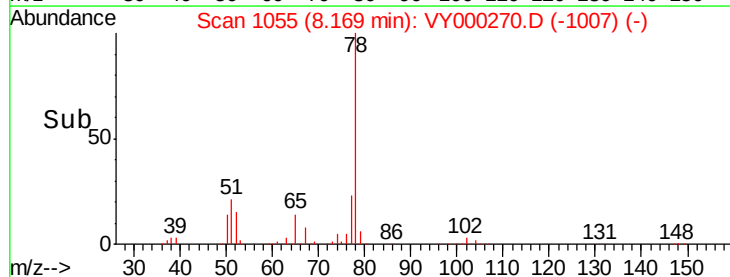
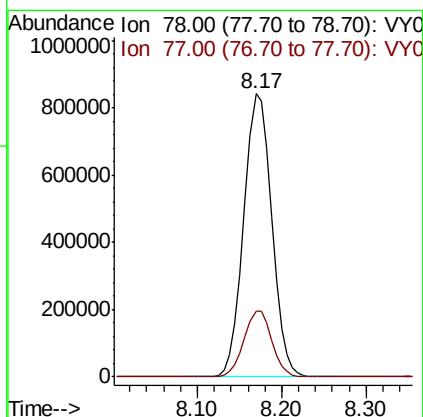
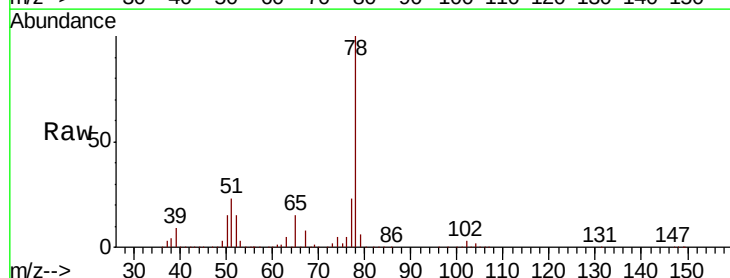
Instrument :
MSVOA_Y
ClientSampled :

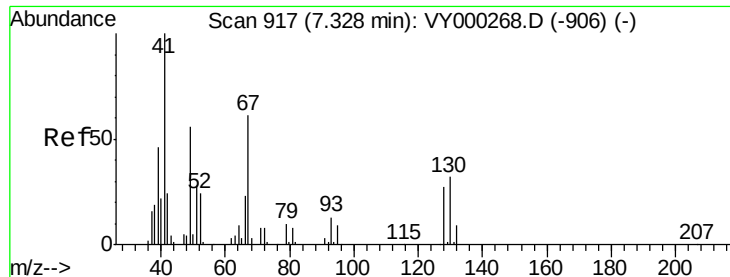
Tot Ion: 83 Resp: 853929
Ion Ratio Lower Upper
83 100
55 71.8 60.9 91.3
98 49.0 41.8 62.6



#40
Benzene
Concen: 137.119 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. -0.01 min
Lab File: VY000270.D
Acq: 11 Oct 2019 14:38

Tgt Ion: 78 Resp: 1891568
Ion Ratio Lower Upper
78 100
77 23.4 18.8 28.2

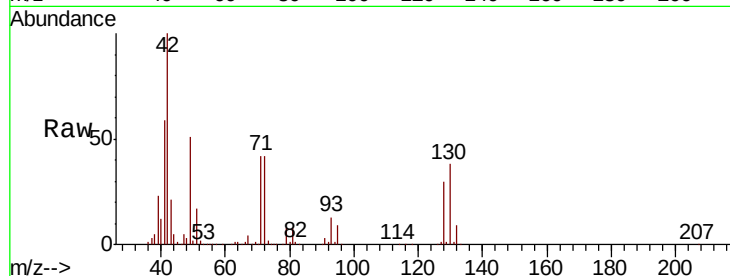




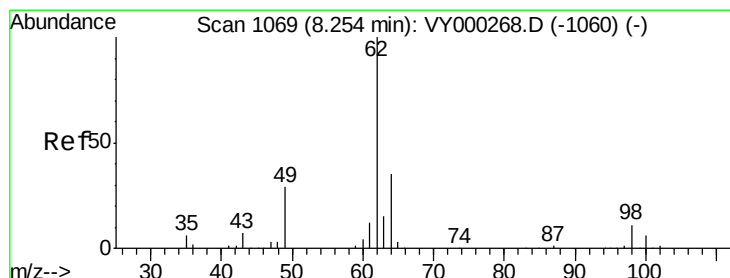
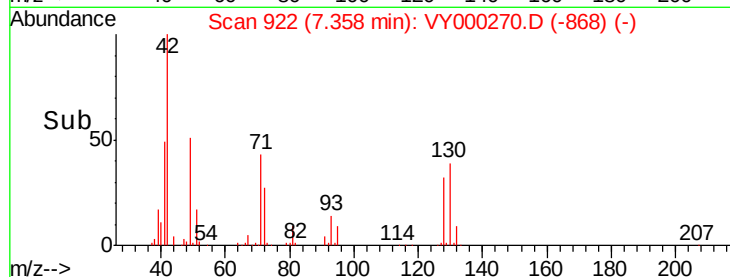
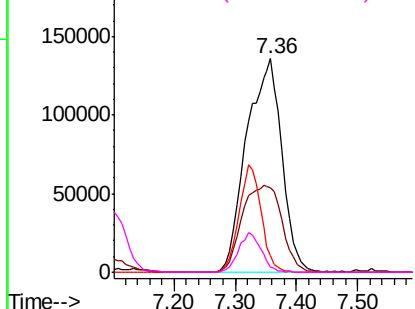
#41
Methacrylonitrile
Concen: 437.005 ug/l
RT: 7.36 min Scan# 922
Delta R.T. 0.03 min
Lab File: VY000270.D
Acq: 11 Oct 2019 14:38

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 41 Resp: 542542
Ion Ratio Lower Upper
41 100
39 45.8 110.2 165.2#
67 0.0 0.0 0.0
52 0.0 0.0 0.0

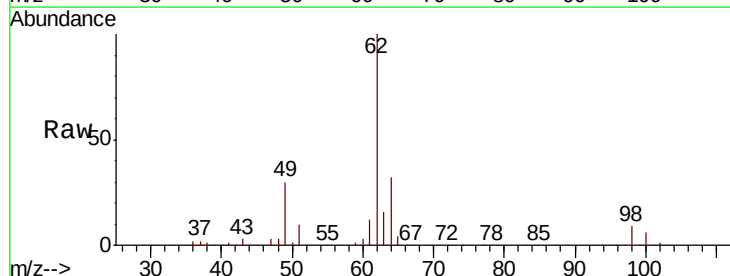


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

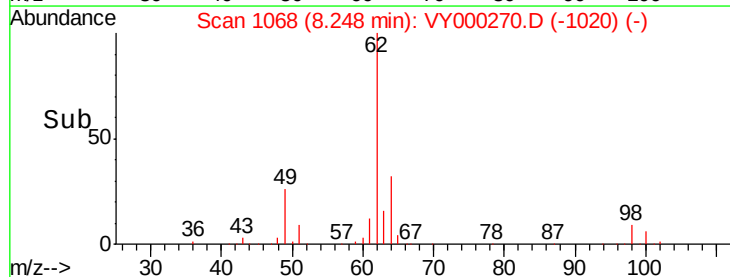
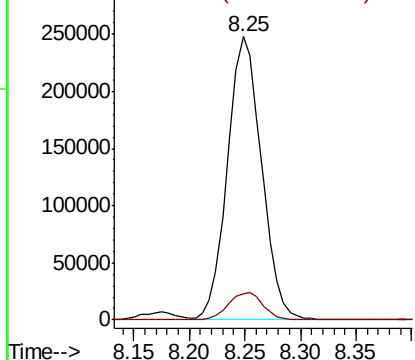


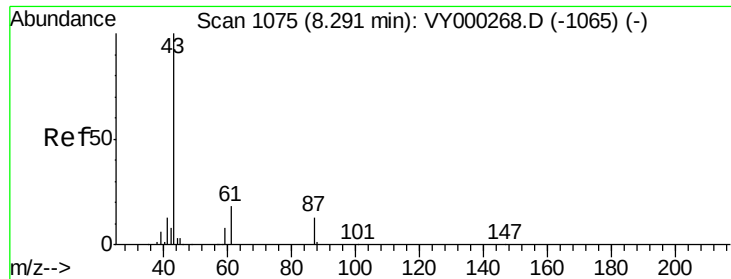
#42
1,2-Dichloroethane
Concen: 133.913 ug/l
RT: 8.25 min Scan# 1068
Delta R.T. -0.01 min
Lab File: VY000270.D
Acq: 11 Oct 2019 14:38

Tgt Ion: 62 Resp: 527693
Ion Ratio Lower Upper
62 100
98 9.9 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: 137.572 ug/l

RT: 8.28 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VY000270.D

Acq: 11 Oct 2019 14:38

Instrument :

MSVOA_Y

ClientSampleId :

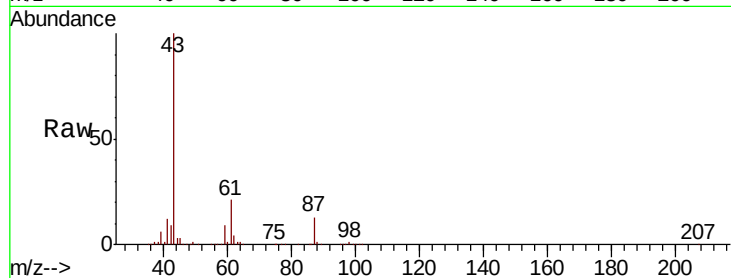
Tot Ion: 43 Resp: 739372

Ion Ratio Lower Upper

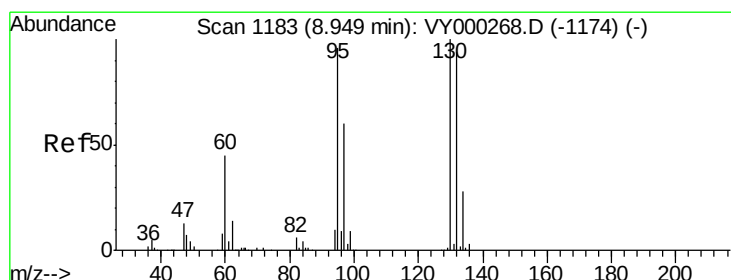
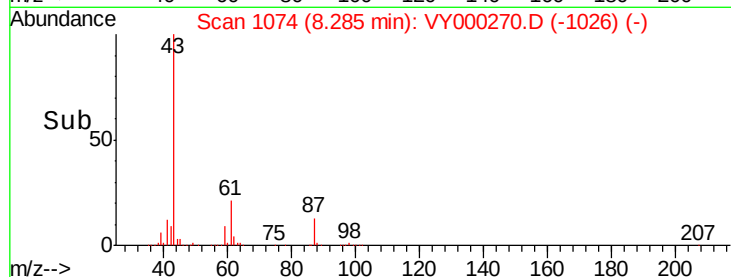
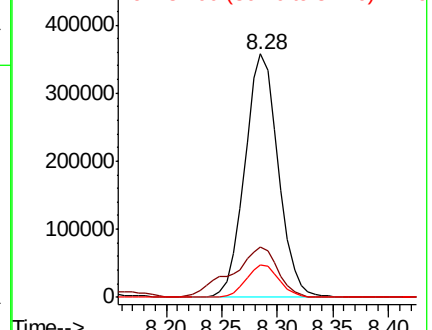
43 100

61 28.5 22.3 33.5

87 13.4 10.9 16.3



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



#44

Trichloroethene

Concen: 129.150 ug/l

RT: 8.95 min Scan# 1183

Delta R.T. 0.00 min

Lab File: VY000270.D

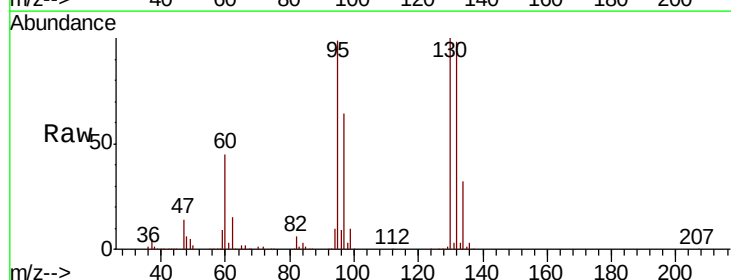
Acq: 11 Oct 2019 14:38

Tgt Ion:130 Resp: 499902

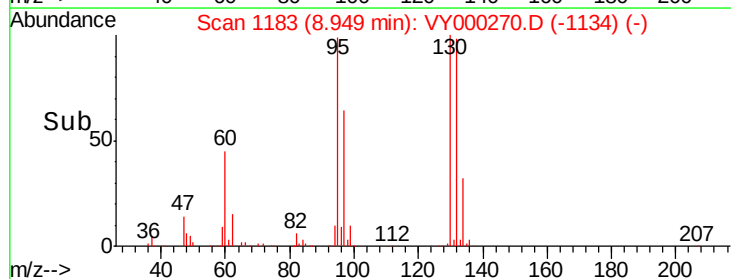
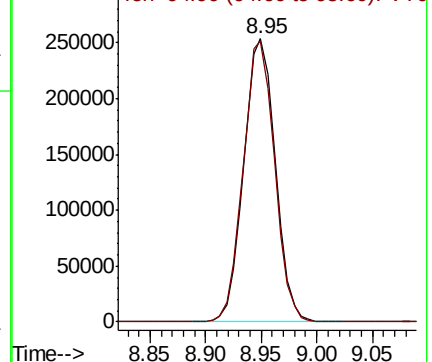
Ion Ratio Lower Upper

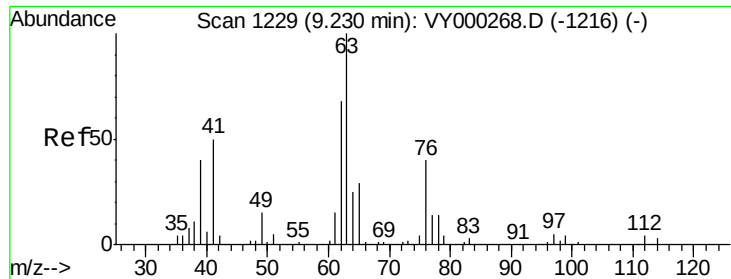
130 100

95 99.4 0.0 191.4



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

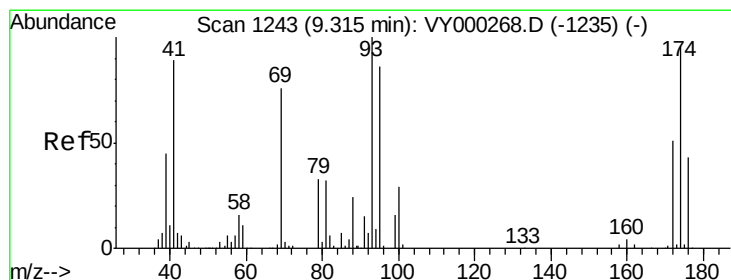
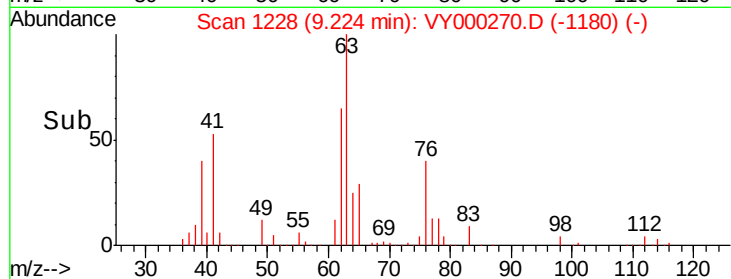
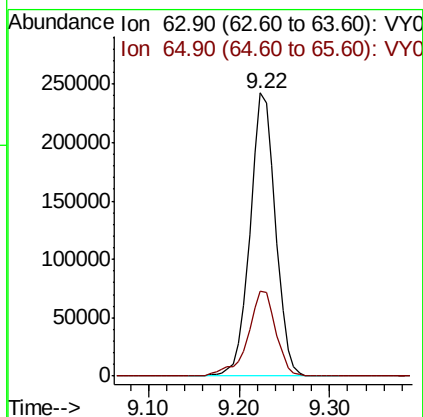
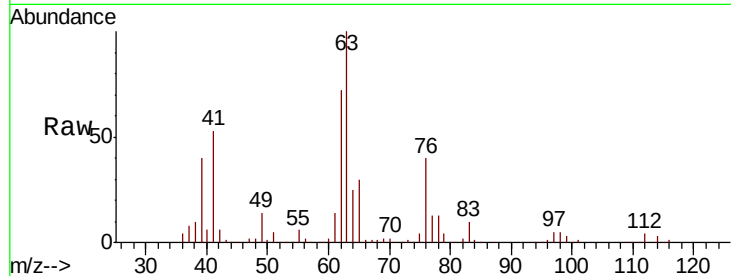




#45
 1,2-Dichloropropane
 Concen: 138.583 ug/l
 RT: 9.22 min Scan# 1228
 Delta R.T. -0.01 min
 Lab File: VY000270.D
 Acq: 11 Oct 2019 14:38

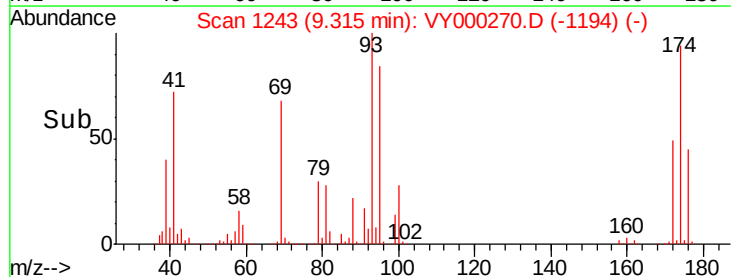
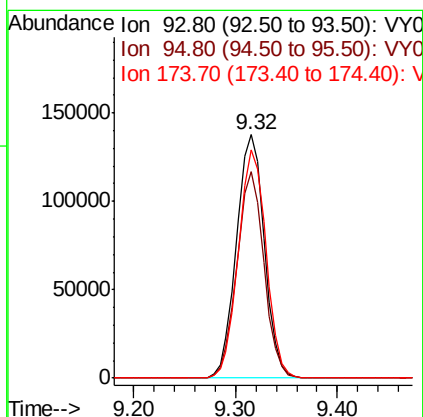
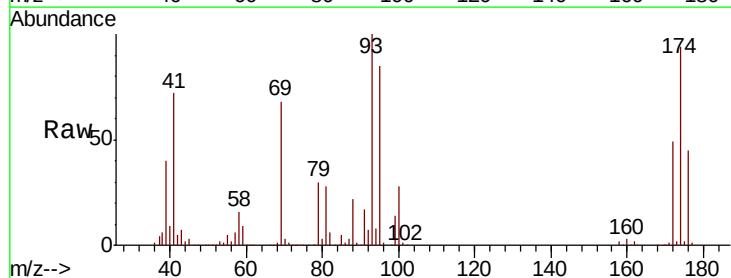
Instrument :
 MSVOA_Y
 ClientSampleId :

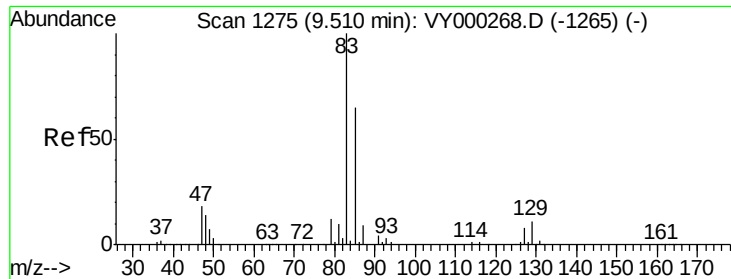
Tot Ion: 63 Resp: 469156
 Ion Ratio Lower Upper
 63 100
 65 30.0 23.2 34.8



#46
 Dibromomethane
 Concen: 137.417 ug/l
 RT: 9.32 min Scan# 1243
 Delta R.T. 0.00 min
 Lab File: VY000270.D
 Acq: 11 Oct 2019 14:38

Tgt Ion: 93 Resp: 260060
 Ion Ratio Lower Upper
 93 100
 95 82.2 68.2 102.2
 174 93.4 79.8 119.6





#47

Bromodichloromethane

Concen: 139.508 ug/l

RT: 9.50 min Scan# 1274

Delta R.T. -0.01 min

Lab File: VY000270.D

Acq: 11 Oct 2019 14:38

Instrument :

MSVOA_Y

ClientSampleId :

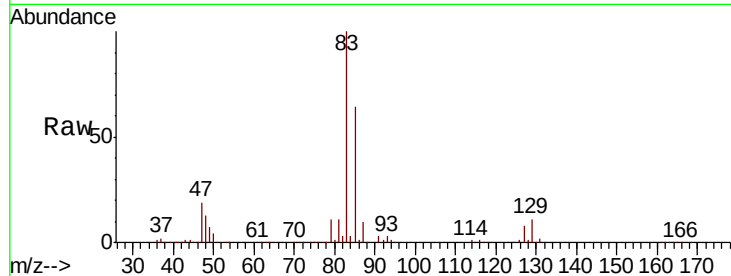
Tot Ion: 83 Resp: 622213

Ion Ratio Lower Upper

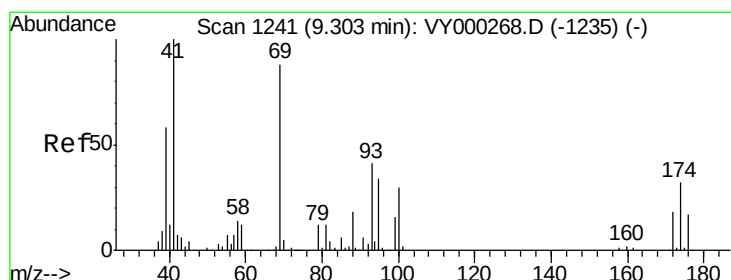
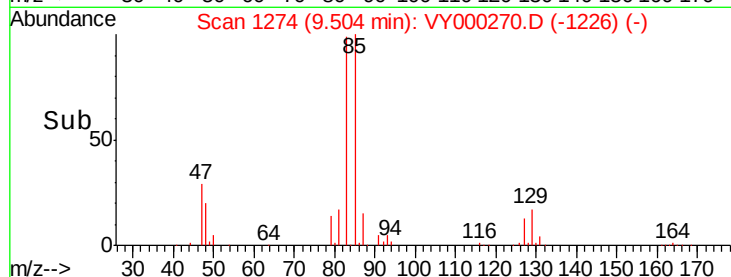
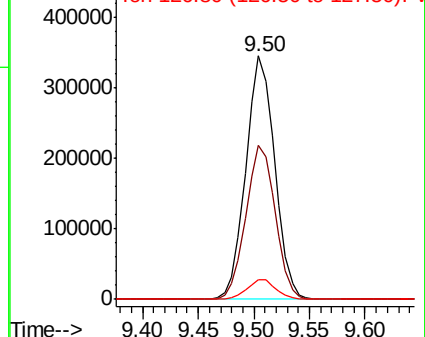
83 100

85 63.5 52.2 78.2

127 8.0 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: 141.973 ug/l

RT: 9.30 min Scan# 1241

Delta R.T. 0.00 min

Lab File: VY000270.D

Acq: 11 Oct 2019 14:38

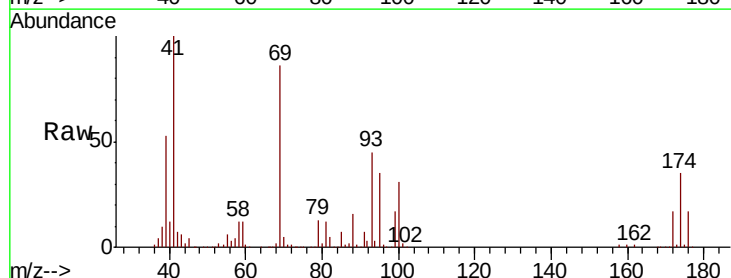
Tgt Ion: 41 Resp: 334397

Ion Ratio Lower Upper

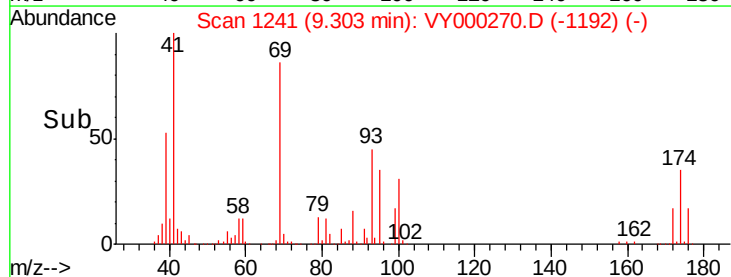
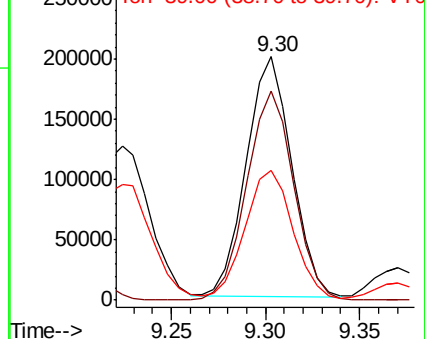
41 100

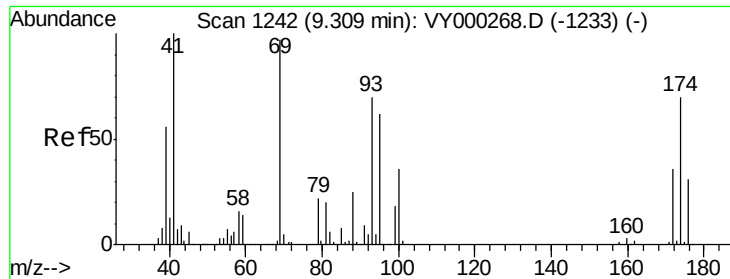
69 89.9 70.0 105.0

39 57.3 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: 2665.992 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. 0.00 min

Lab File: VY000270.D

Acq: 11 Oct 2019 14:38

Instrument :
MSVOA_Y
ClientSampleId :

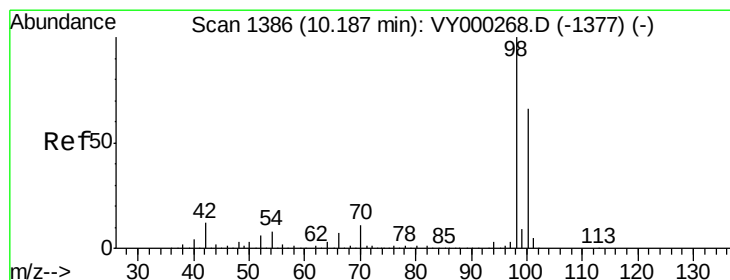
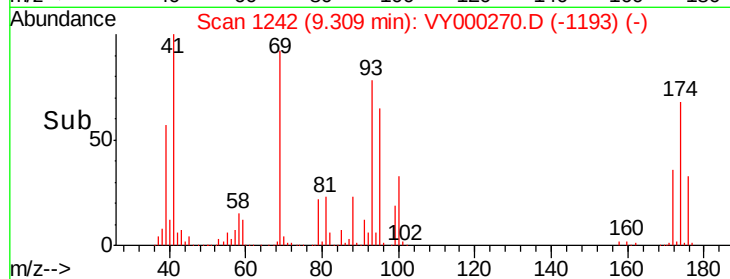
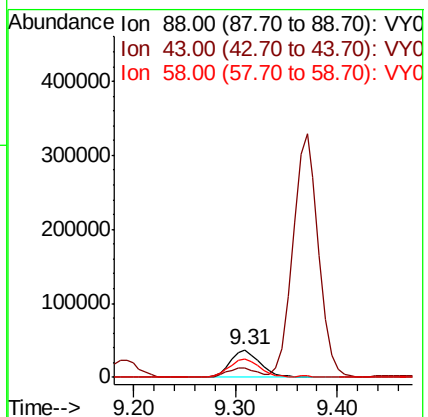
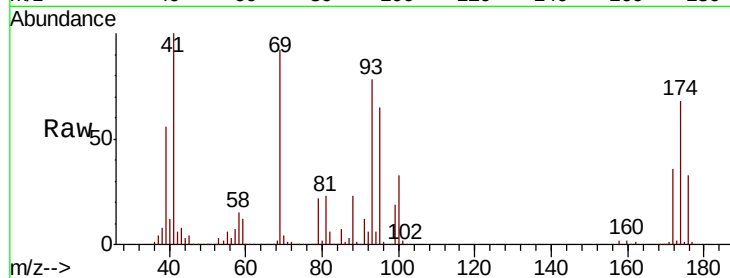
Tot Ion: 88 Resp: 75649

Ion Ratio Lower Upper

88 100

43 34.7 25.6 38.4

58 70.3 54.6 81.8



#50

Toluene-d8

Concen: 150.552 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. 0.00 min

Lab File: VY000270.D

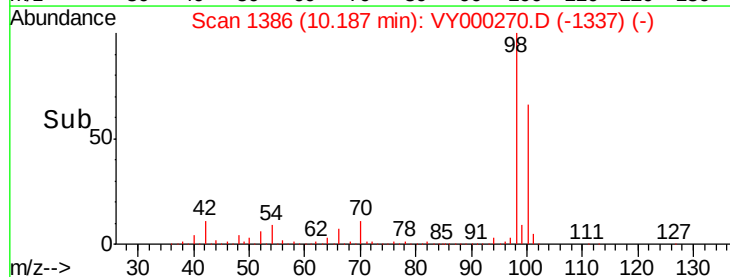
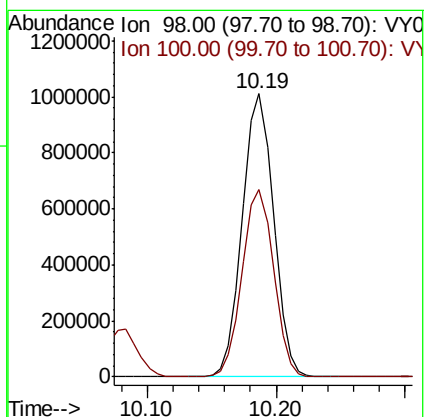
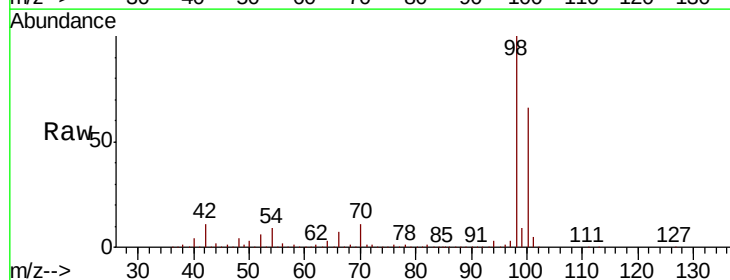
Acq: 11 Oct 2019 14:38

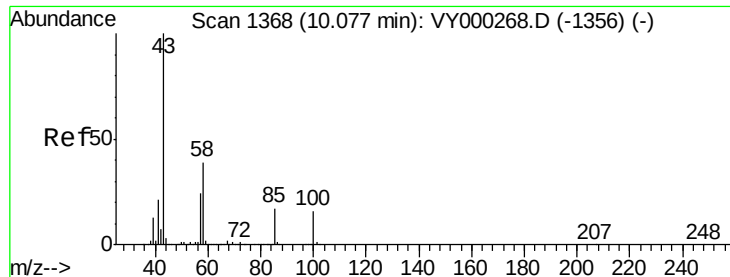
Tgt Ion: 98 Resp: 1703269

Ion Ratio Lower Upper

98 100

100 66.5 52.8 79.2

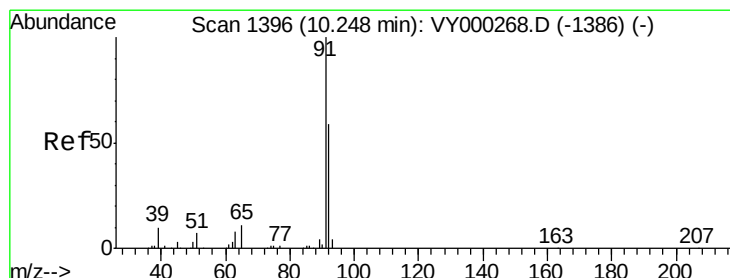
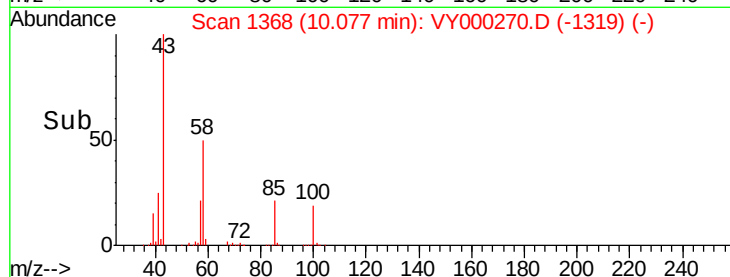
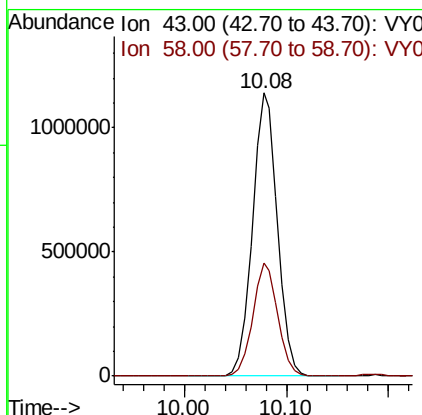
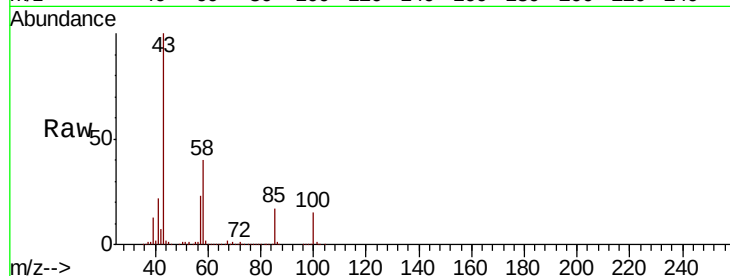




#51
 4-Methyl-2-Pentanone
 Concen: 700.514 ug/l
 RT: 10.08 min Scan# 1368
 Delta R.T. 0.00 min
 Lab File: VY000270.D
 Acq: 11 Oct 2019 14:38

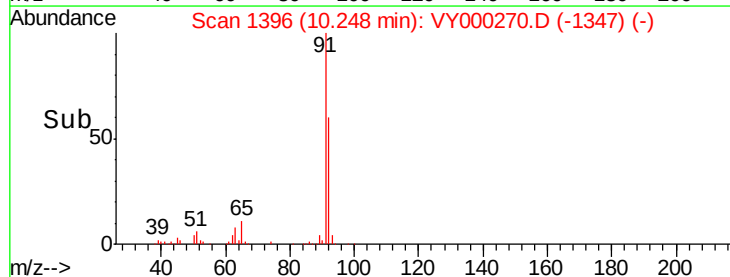
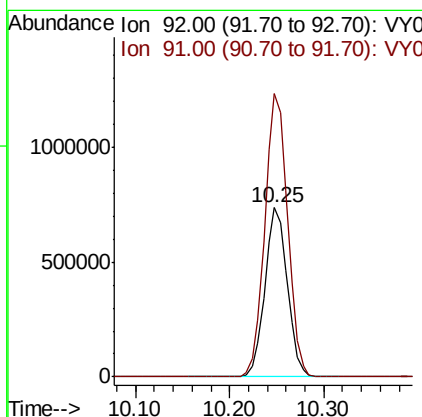
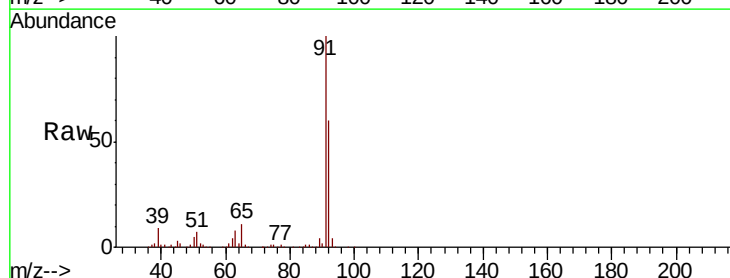
Instrument :
 MSVOA_Y
 ClientSampled :

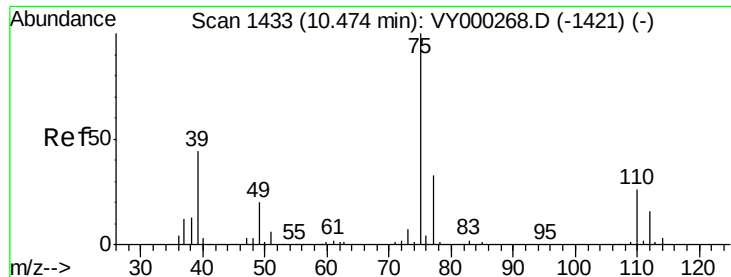
Tot Ion: 43 Resp: 1941819
 Ion Ratio Lower Upper
 43 100
 58 39.8 31.0 46.6



#52
 Toluene
 Concen: 140.841 ug/l
 RT: 10.25 min Scan# 1396
 Delta R.T. 0.00 min
 Lab File: VY000270.D
 Acq: 11 Oct 2019 14:38

Tgt Ion: 92 Resp: 1233552
 Ion Ratio Lower Upper
 92 100
 91 170.4 136.6 205.0

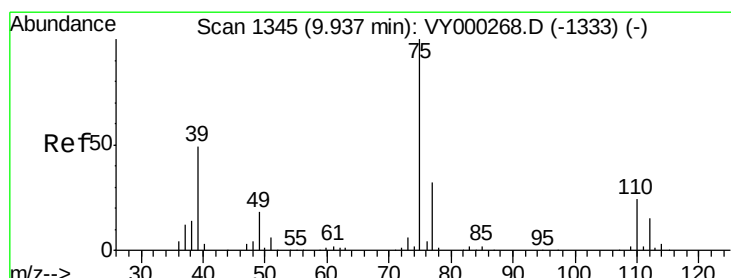
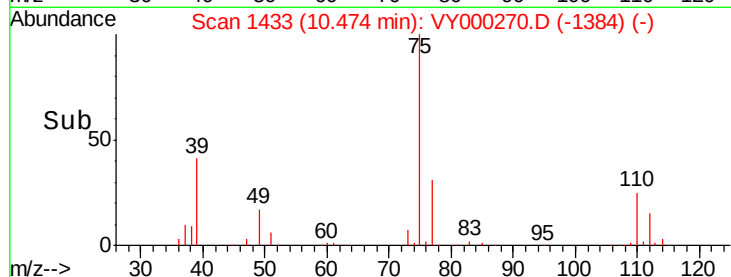
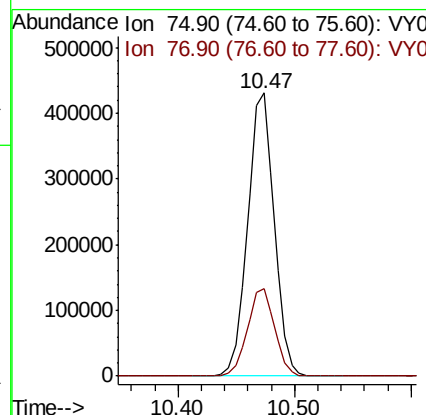
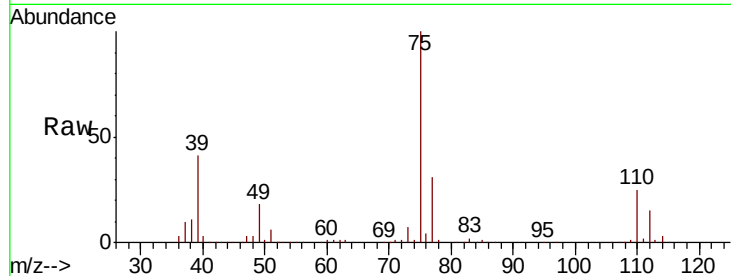




#53
 t-1,3-Dichloropropene
 Concen: 143.523 ug/l
 RT: 10.47 min Scan# 1433
 Delta R.T. 0.00 min
 Lab File: VY000270.D
 Acq: 11 Oct 2019 14:38

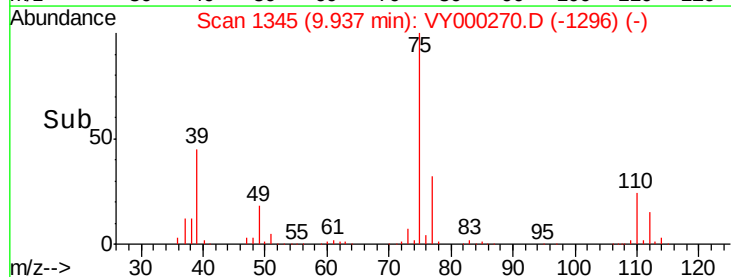
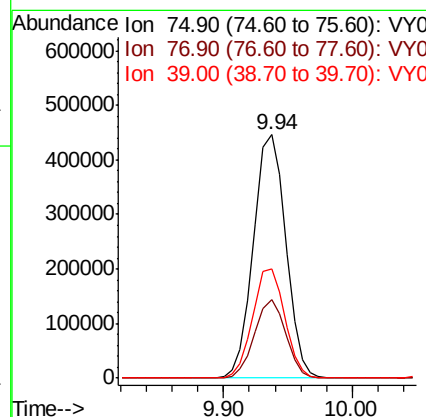
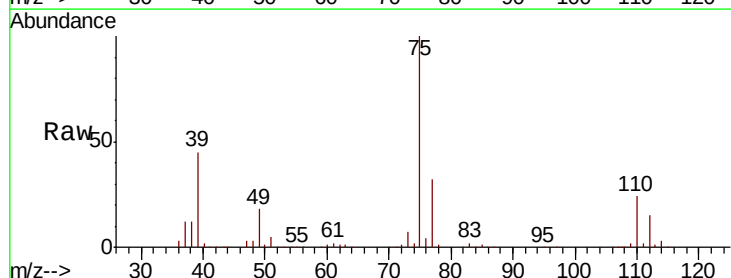
Instrument :
 MSVOA_Y
 ClientSampleId :

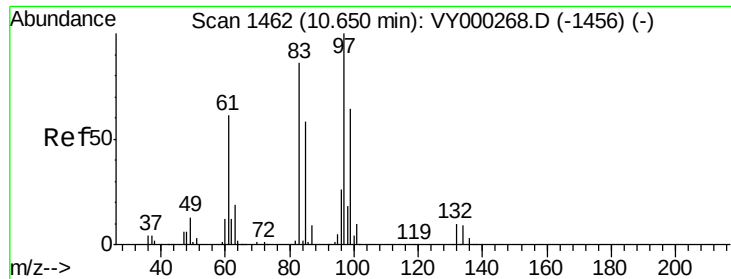
Tot Ion: 75 Resp: 686017
 Ion Ratio Lower Upper
 75 100
 77 30.8 26.0 39.0



#54
 cis-1,3-Dichloropropene
 Concen: 142.669 ug/l
 RT: 9.94 min Scan# 1345
 Delta R.T. 0.00 min
 Lab File: VY000270.D
 Acq: 11 Oct 2019 14:38

Tgt Ion: 75 Resp: 774434
 Ion Ratio Lower Upper
 75 100
 77 32.1 26.0 39.0
 39 44.7 38.8 58.2





#55

1,1,2-Trichloroethane

Concen: 137.602 ug/l

RT: 10.65 min Scan# 1462

Delta R.T. 0.00 min

Lab File: VY000270.D

Acq: 11 Oct 2019 14:38

Instrument :

MSVOA_Y

ClientSampleId :

Tot Ion: 97 Resp: 378629

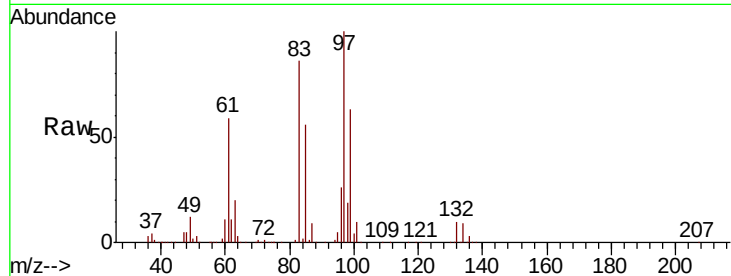
Ion Ratio Lower Upper

97 100

83 86.1 69.0 103.6

85 56.1 46.2 69.4

99 62.7 51.1 76.7

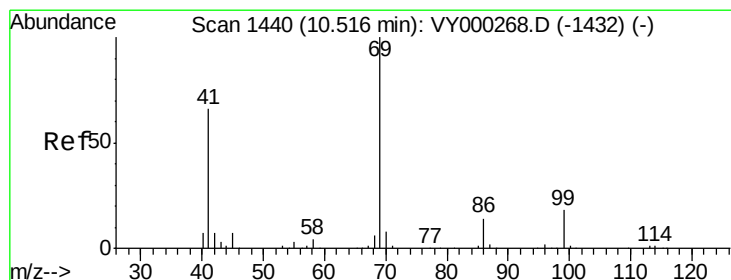
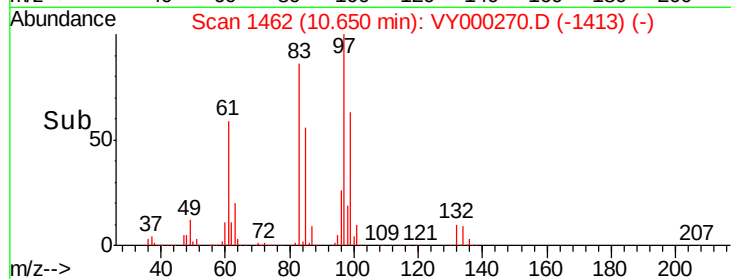
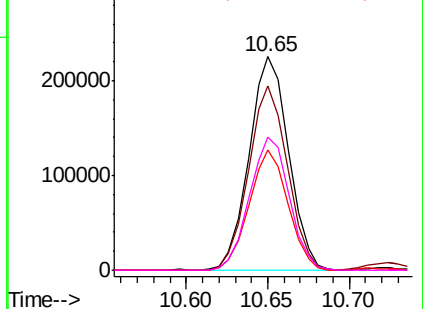


Abundance Ion 96.90 (96.60 to 97.60): VY0

Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0

Ion 98.90 (98.60 to 99.60): VY0



#56

Ethyl methacrylate

Concen: 148.497 ug/l

RT: 10.52 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VY000270.D

Acq: 11 Oct 2019 14:38

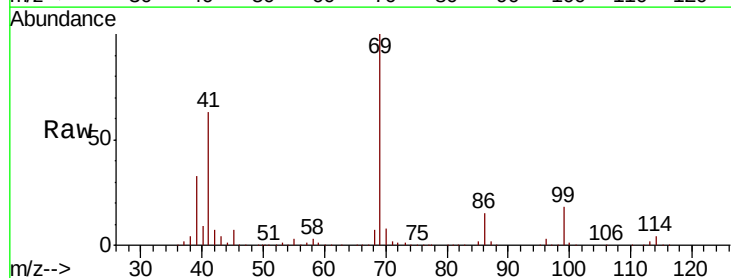
Tgt Ion: 69 Resp: 582413

Ion Ratio Lower Upper

69 100

41 63.8 52.5 78.7

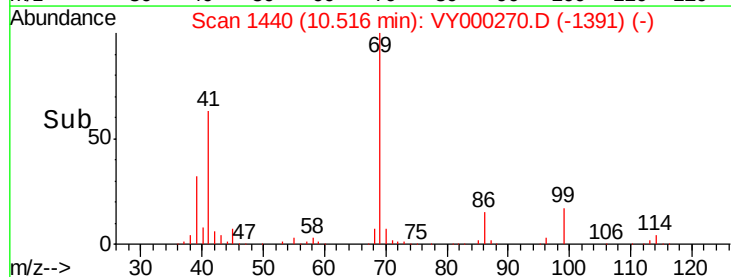
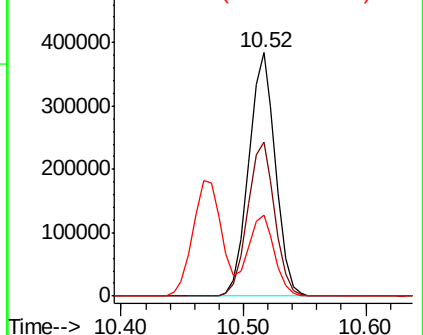
39 33.0 26.7 40.1

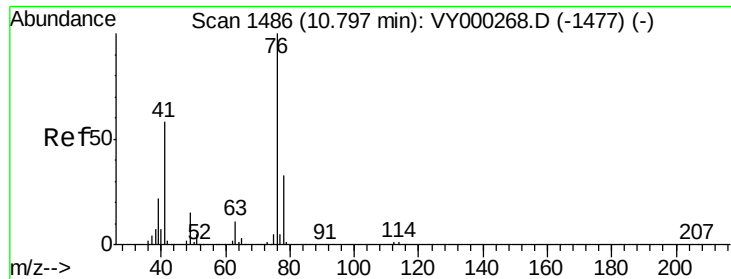


Abundance Ion 69.00 (68.70 to 69.70): VY0

Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

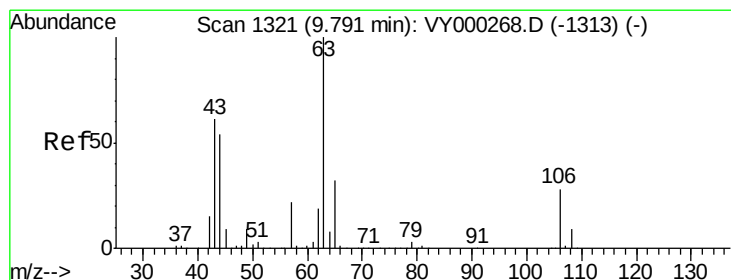
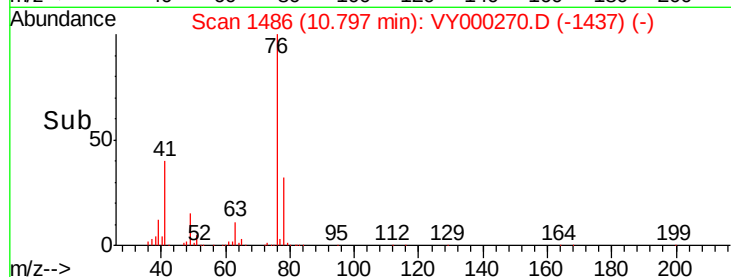
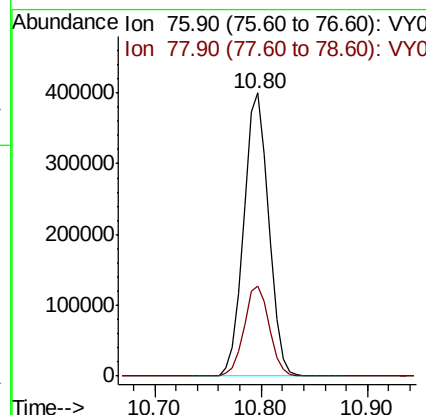
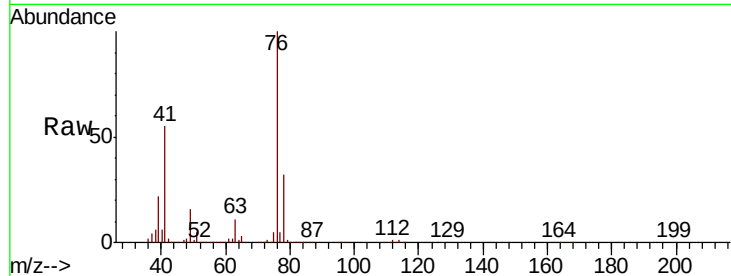




#57
 1,3-Dichloropropane
 Concen: 139.233 ug/l
 RT: 10.80 min Scan# 1486
 Delta R.T. 0.00 min
 Lab File: VY000270.D
 Acq: 11 Oct 2019 14:38

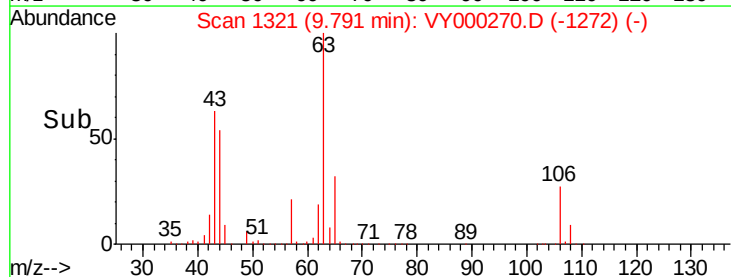
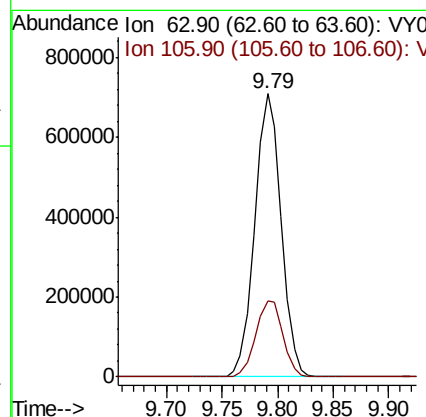
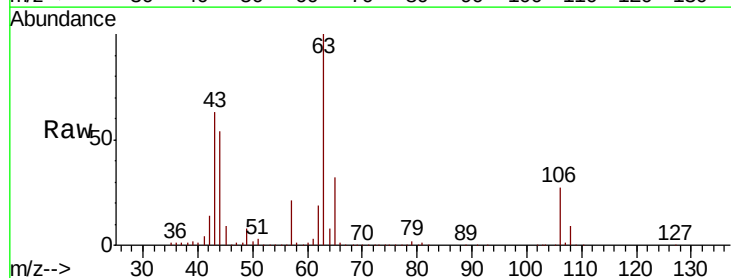
Instrument :
 MSVOA_Y
 ClientSampled :

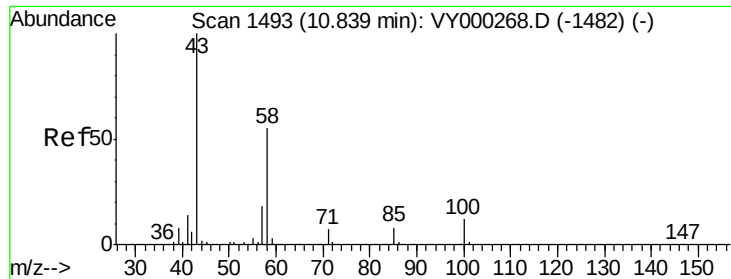
Tot Ion: 76 Resp: 657957
 Ion Ratio Lower Upper
 76 100
 78 32.1 26.2 39.2



#58
 2-Chloroethyl Vinyl ether
 Concen: 747.430 ug/l
 RT: 9.79 min Scan# 1321
 Delta R.T. 0.00 min
 Lab File: VY000270.D
 Acq: 11 Oct 2019 14:38

Tgt Ion: 63 Resp: 1169265
 Ion Ratio Lower Upper
 63 100
 106 27.7 23.0 34.4

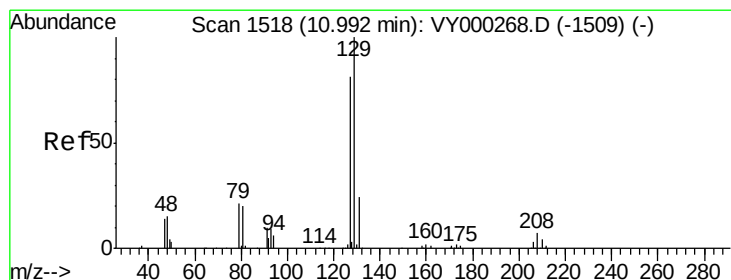
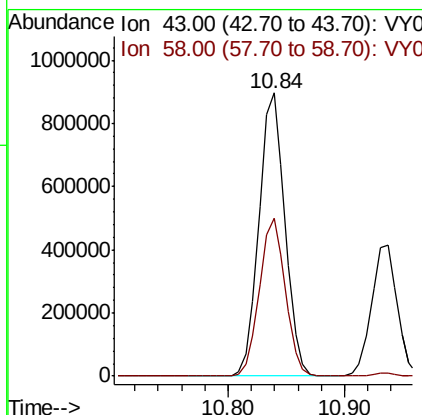
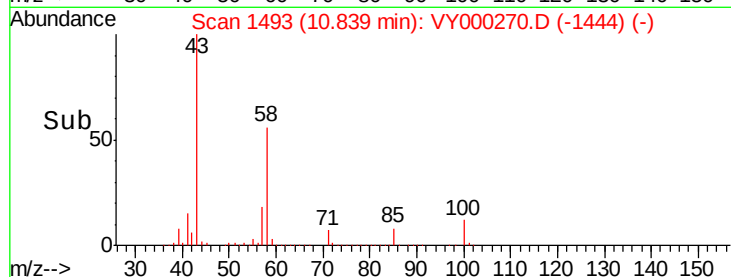
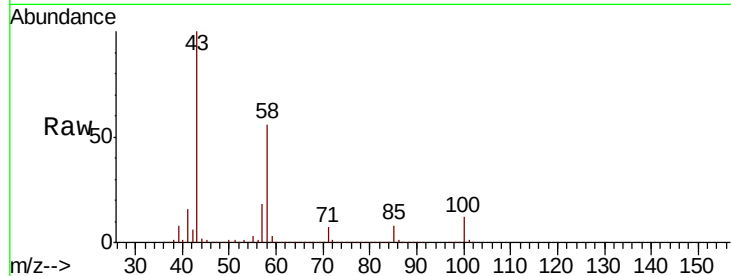




#59
2-Hexanone
Concen: 712.027 ug/l
RT: 10.84 min Scan# 1493
Delta R.T. 0.00 min
Lab File: VY000270.D
Acq: 11 Oct 2019 14:38

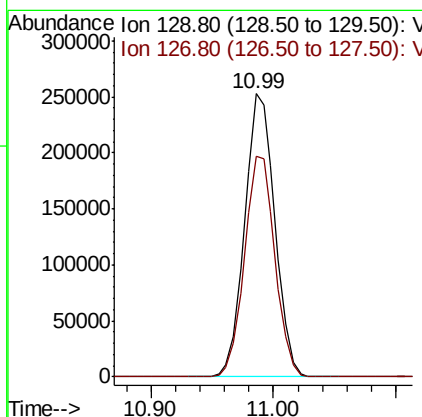
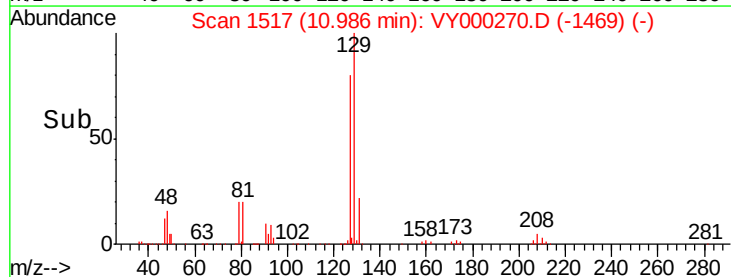
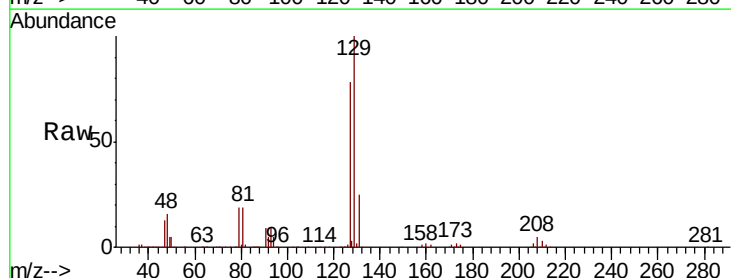
Instrument :
MSVOA_Y
ClientSampled :

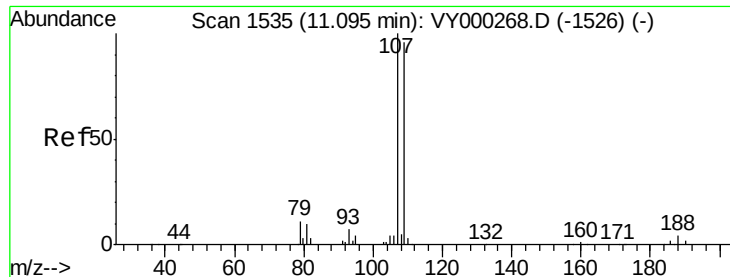
Tot Ion: 43 Resp: 1385391
Ion Ratio Lower Upper
43 100
58 55.7 27.7 83.1



#60
Dibromochloromethane
Concen: 141.861 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.01 min
Lab File: VY000270.D
Acq: 11 Oct 2019 14:38

Tgt Ion: 129 Resp: 432653
Ion Ratio Lower Upper
129 100
127 78.7 39.9 119.7

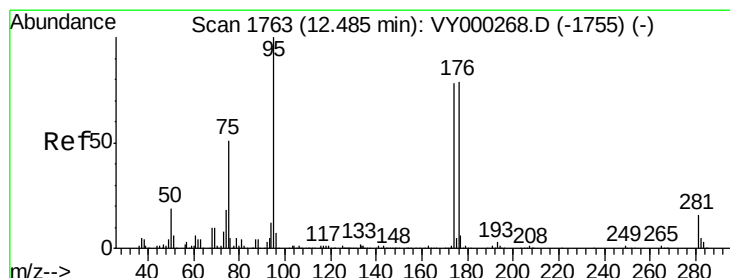
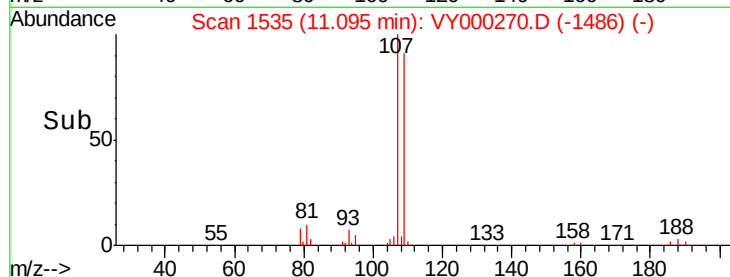
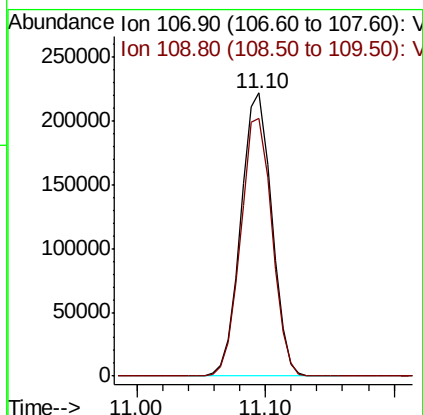
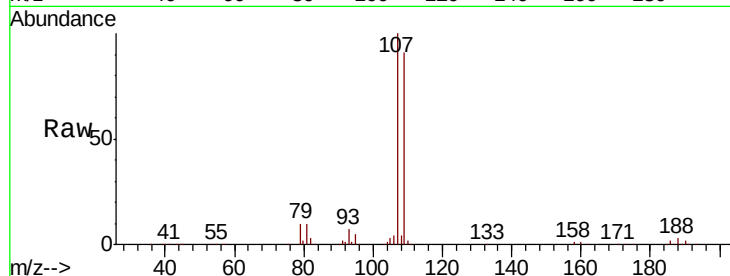




#61
 1,2-Dibromoethane
 Concen: 139.056 ug/l
 RT: 11.10 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: VY000270.D
 Acq: 11 Oct 2019 14:38

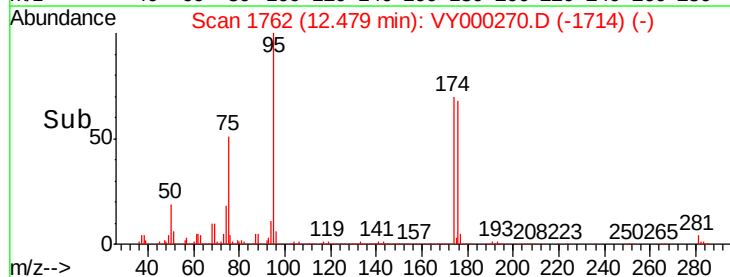
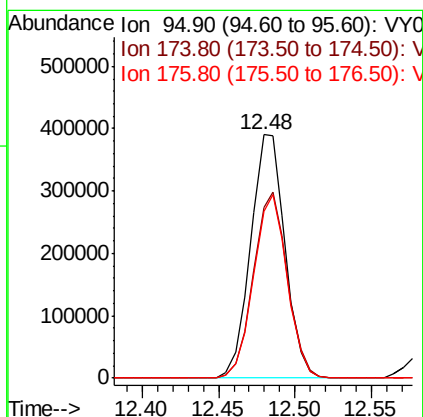
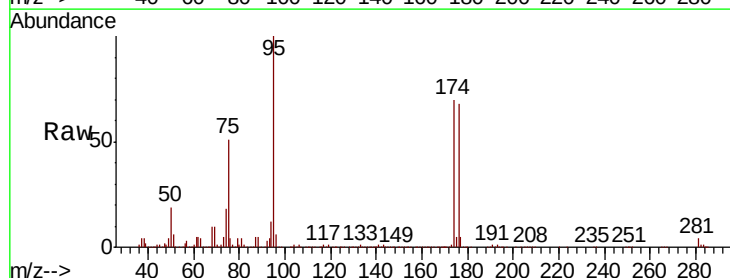
Instrument :
 MSVOA_Y
 ClientSampleId :

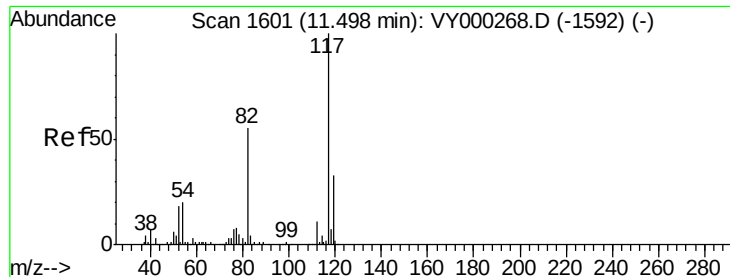
Tot Ion: 107 Resp: 367389
 Ion Ratio Lower Upper
 107 100
 109 92.7 75.1 112.7



#62
 4-Bromofluorobenzene
 Concen: 141.628 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.01 min
 Lab File: VY000270.D
 Acq: 11 Oct 2019 14:38

Tgt Ion: 95 Resp: 608734
 Ion Ratio Lower Upper
 95 100
 174 75.7 0.0 159.6
 176 73.8 0.0 153.8

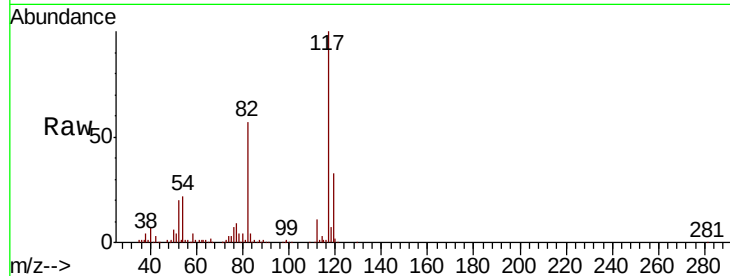




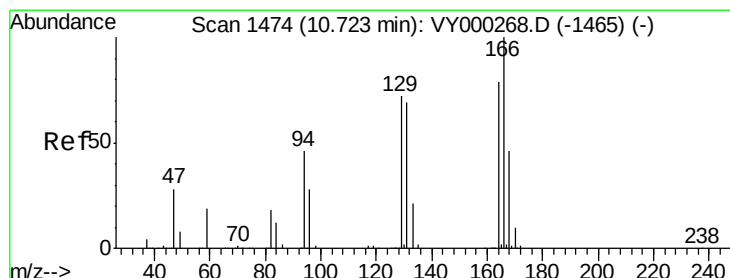
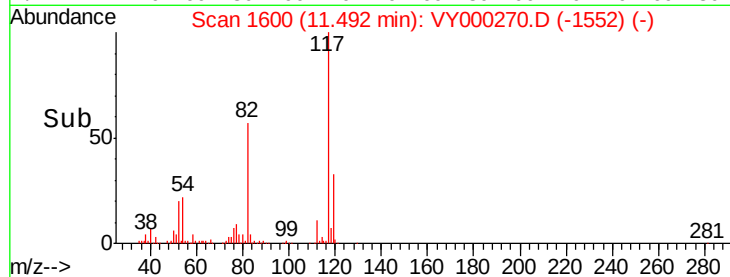
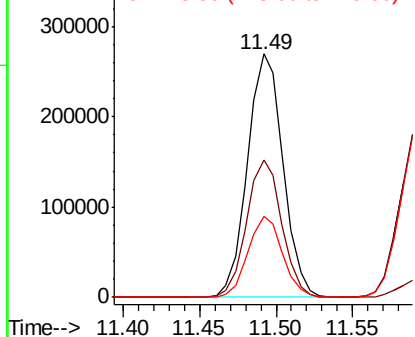
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY000270.D
Acq: 11 Oct 2019 14:38

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:117 Resp: 435946
Ion Ratio Lower Upper
117 100
82 56.6 43.7 65.5
119 33.3 26.6 39.8

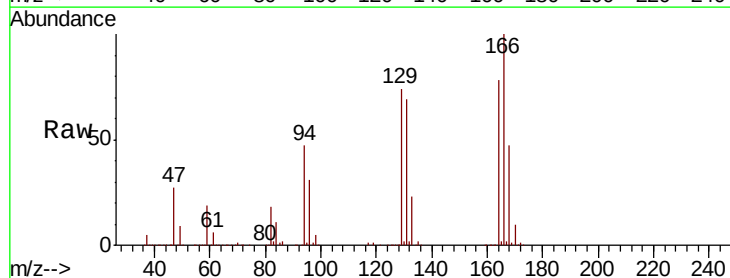


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

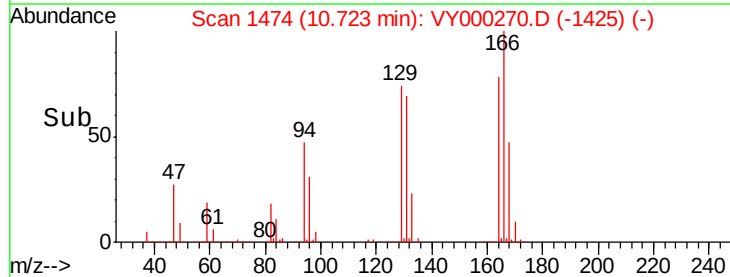
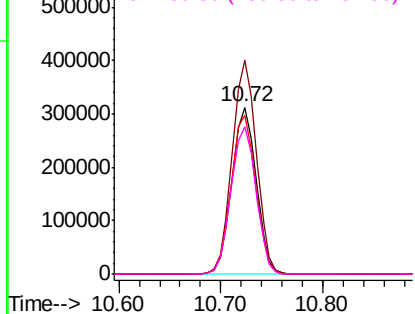


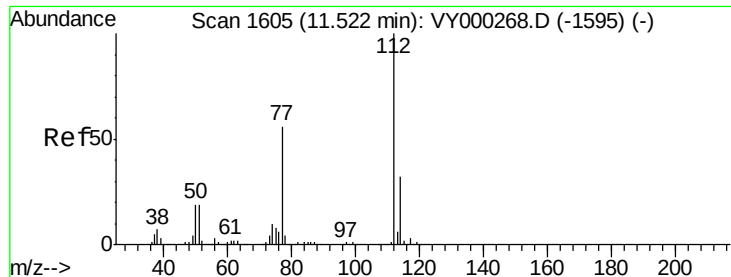
#64
Tetrachloroethene
Concen: 123.771 ug/l
RT: 10.72 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VY000270.D
Acq: 11 Oct 2019 14:38

Tgt Ion:164 Resp: 513683
Ion Ratio Lower Upper
164 100
166 127.9 100.6 151.0
129 95.0 72.8 109.2
131 88.2 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: 136.781 ug/l

RT: 11.52 min Scan# 1604

Delta R.T. -0.01 min

Lab File: VY000270.D

Acq: 11 Oct 2019 14:38

Instrument :

MSVOA_Y

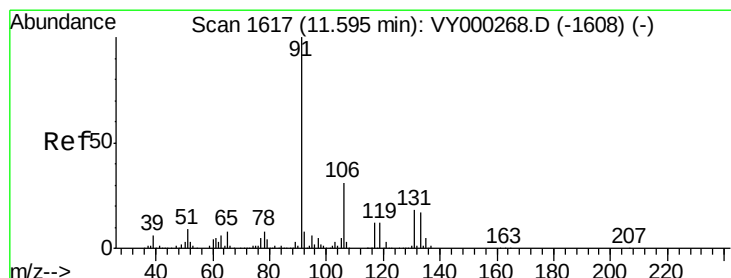
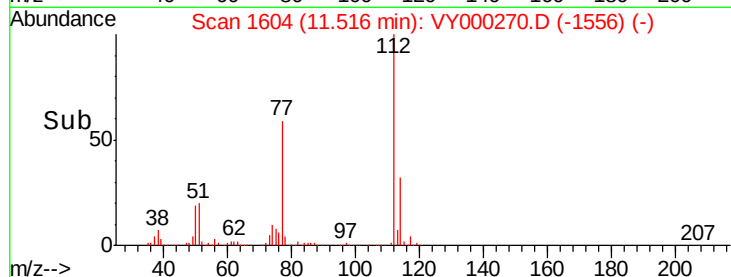
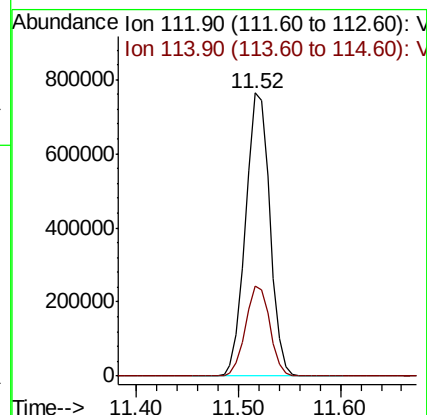
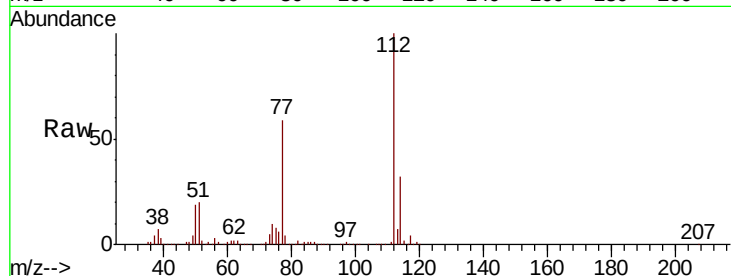
ClientSampled :

Tot Ion:112 Resp: 1258439

Ion Ratio Lower Upper

112 100

114 32.0 25.7 38.5



#66

1,1,1,2-Tetrachloroethane

Concen: 136.572 ug/l

RT: 11.60 min Scan# 1617

Delta R.T. 0.00 min

Lab File: VY000270.D

Acq: 11 Oct 2019 14:38

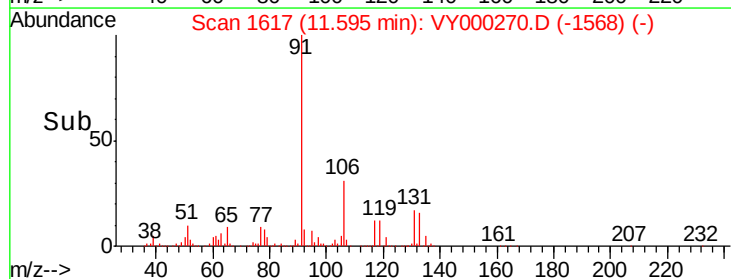
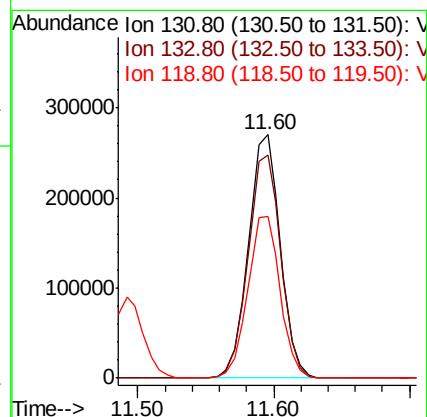
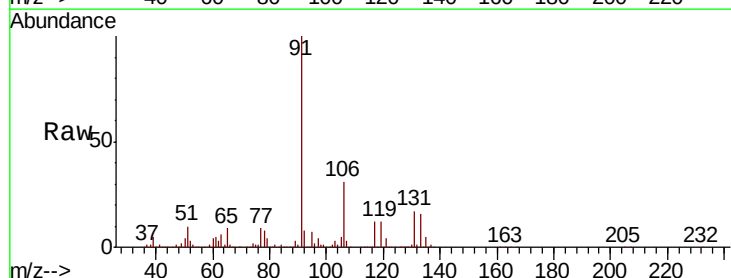
Tgt Ion:131 Resp: 441389

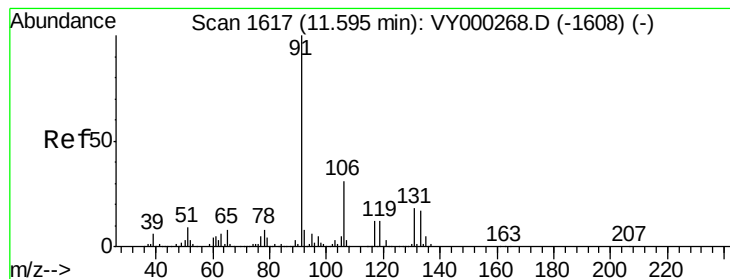
Ion Ratio Lower Upper

131 100

133 94.1 47.2 141.6

119 67.4 32.6 98.0





#67

Ethyl Benzene

Concen: 137.906 ug/l

RT: 11.60 min Scan# 1617

Delta R.T. 0.00 min

Lab File: VY000270.D

Acq: 11 Oct 2019 14:38

Instrument :

MSVOA_Y

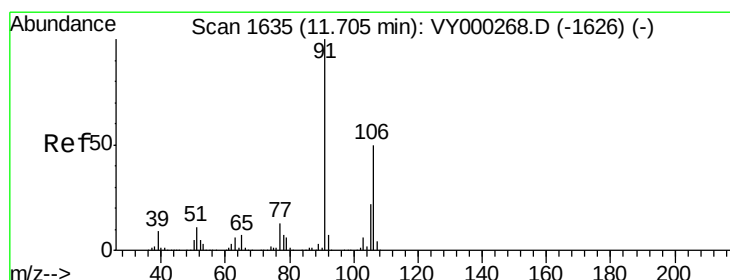
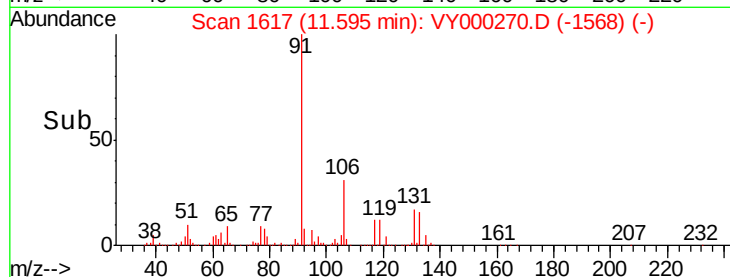
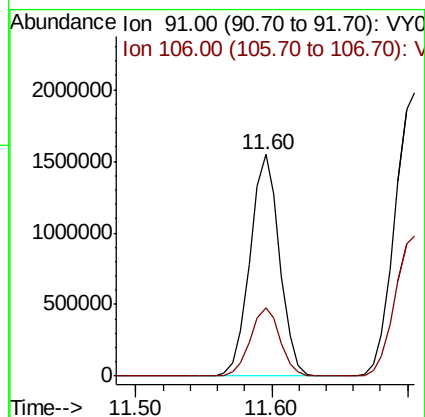
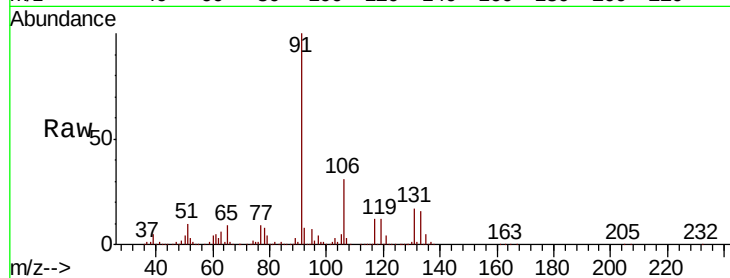
ClientSampled :

Tot Ion: 91 Resp: 2352045

Ion Ratio Lower Upper

91 100

106 30.9 25.0 37.6



#68

m/p-Xylenes

Concen: 274.410 ug/l

RT: 11.71 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VY000270.D

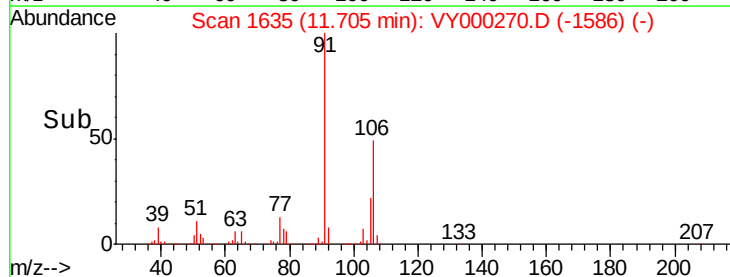
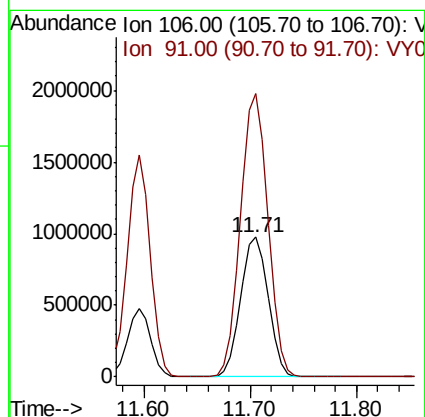
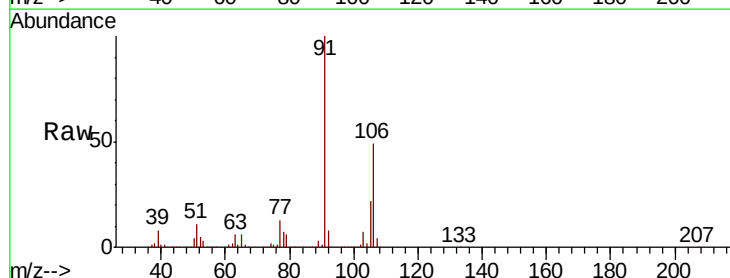
Acq: 11 Oct 2019 14:38

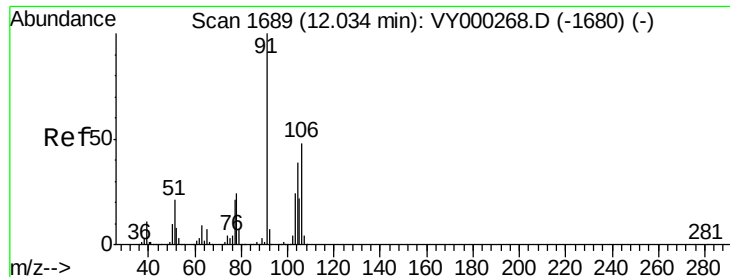
Tgt Ion: 106 Resp: 1789164

Ion Ratio Lower Upper

106 100

91 200.5 157.5 236.3

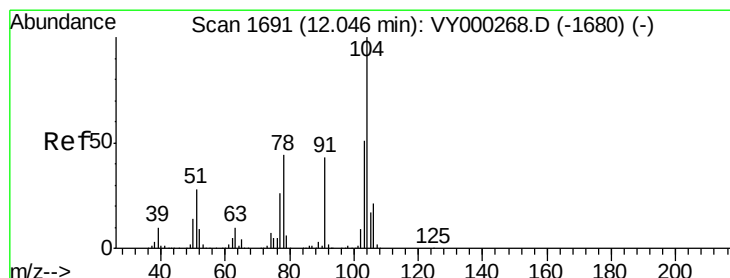
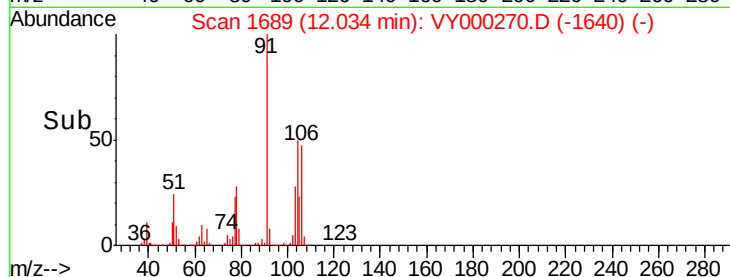
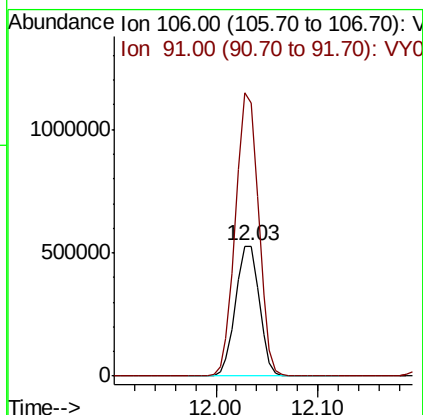
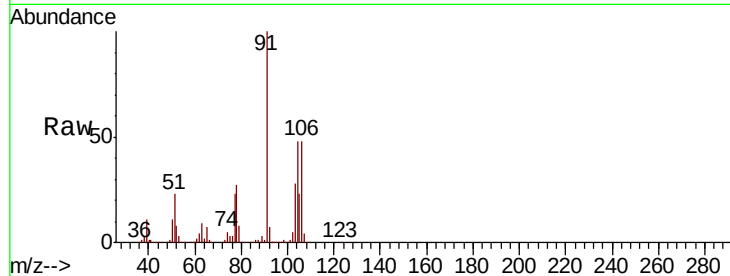




#69
o-Xylene
Concen: 136.645 ug/l
RT: 12.03 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VY000270.D
Acq: 11 Oct 2019 14:38

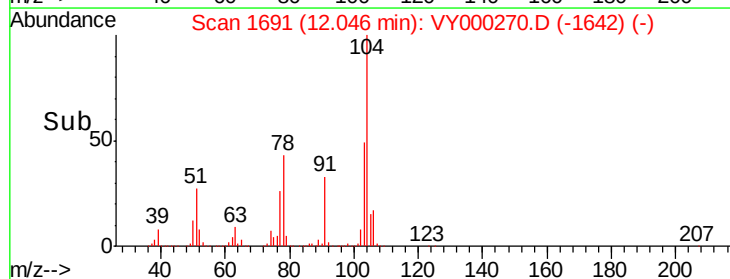
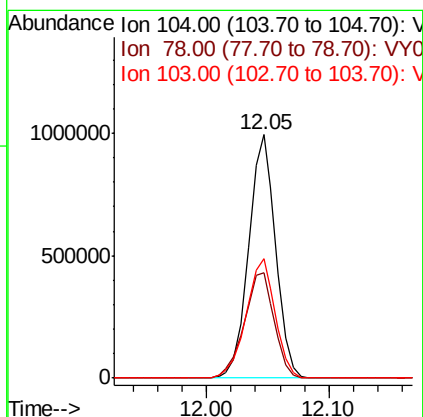
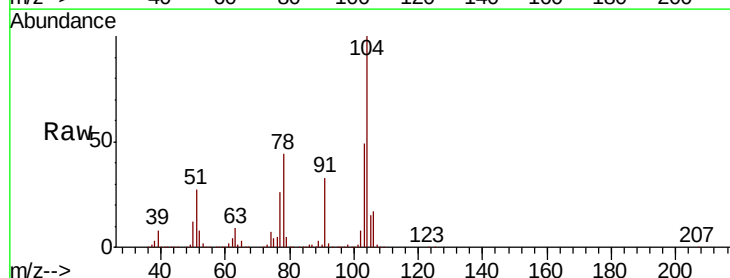
Instrument :
MSVOA_Y
ClientSampled :

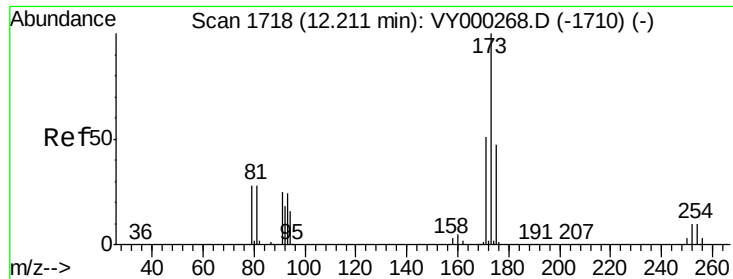
Tot Ion:106 Resp: 849919
Ion Ratio Lower Upper
106 100
91 211.0 104.7 313.9



#70
Styrene
Concen: 144.469 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. 0.00 min
Lab File: VY000270.D
Acq: 11 Oct 2019 14:38

Tgt Ion:104 Resp: 1515452
Ion Ratio Lower Upper
104 100
78 48.4 39.0 58.6
103 53.0 43.1 64.7





#71

Bromoform

Concen: 146.632 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. 0.00 min

Lab File: VY000270.D

Acq: 11 Oct 2019 14:38

Instrument :

MSVOA_Y

ClientSampled :

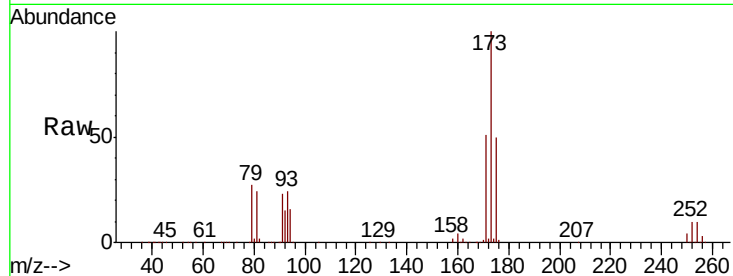
Tot Ion:173 Resp: 272428

Ion Ratio Lower Upper

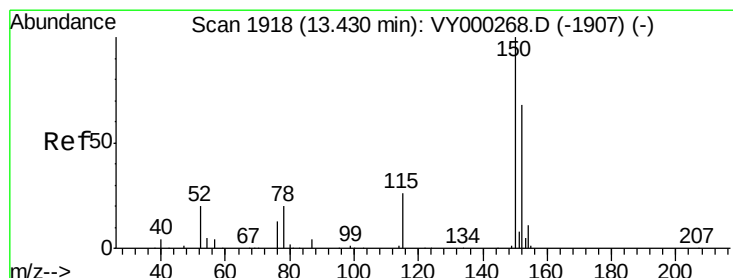
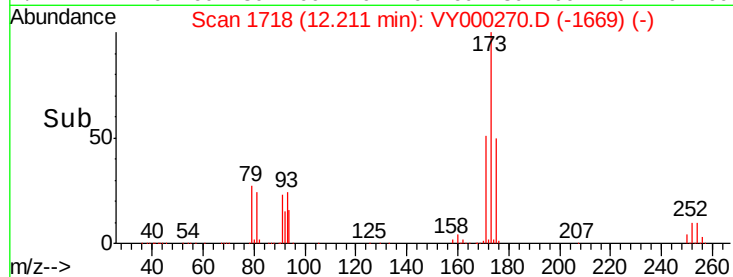
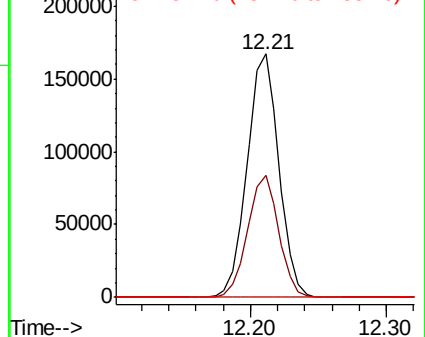
173 100

175 49.3 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: VY000270.D

Acq: 11 Oct 2019 14:38

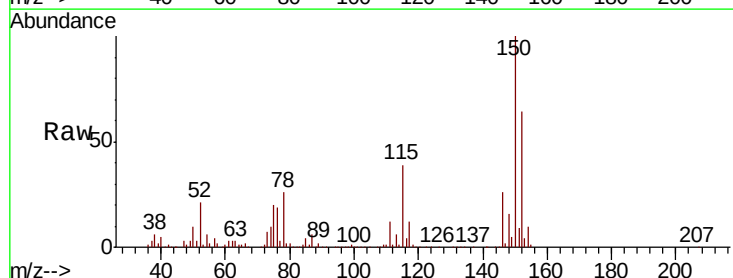
Tgt Ion:152 Resp: 211633

Ion Ratio Lower Upper

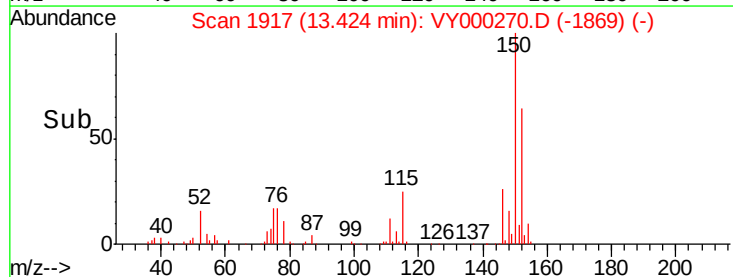
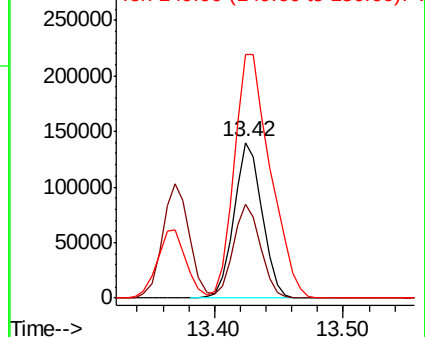
152 100

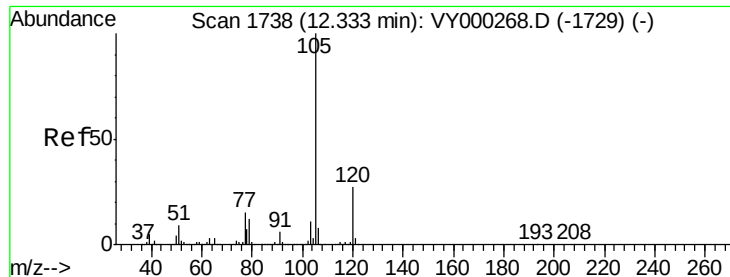
115 58.5 29.3 88.0

150 201.5 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: 141.928 ug/l

RT: 12.33 min Scan# 1738

Delta R.T. 0.00 min

Lab File: VY000270.D

Acq: 11 Oct 2019 14:38

Instrument :

MSVOA_Y

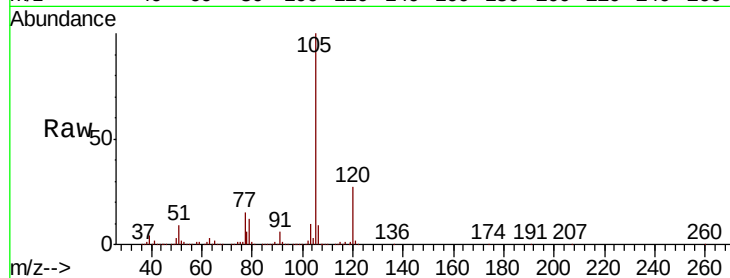
ClientSampleId :

Tot Ion:105 Resp: 2342076

Ion Ratio Lower Upper

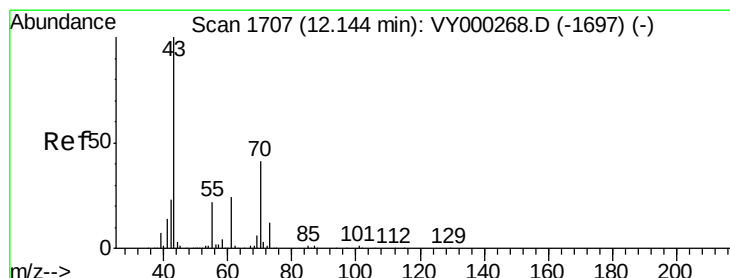
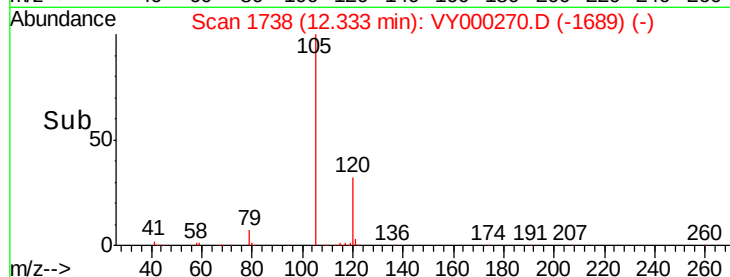
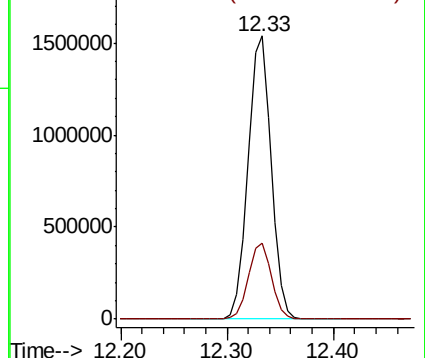
105 100

120 26.9 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 157.939 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VY000270.D

Acq: 11 Oct 2019 14:38

Tgt Ion: 43 Resp: 639834

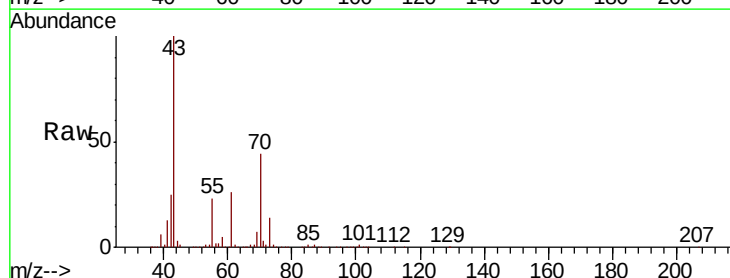
Ion Ratio Lower Upper

43 100

70 43.6 32.9 49.3

55 22.8 17.8 26.6

61 25.2 19.5 29.3

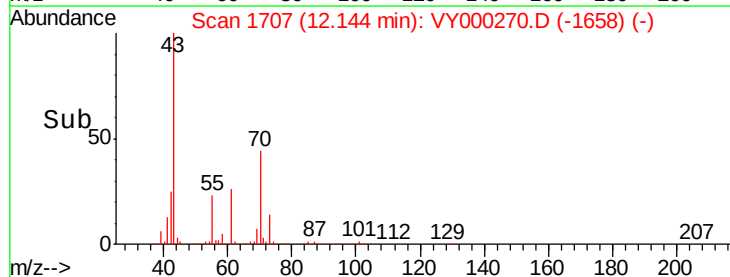
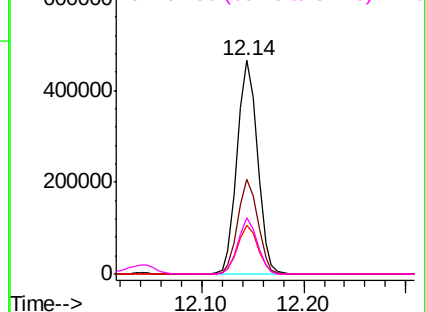


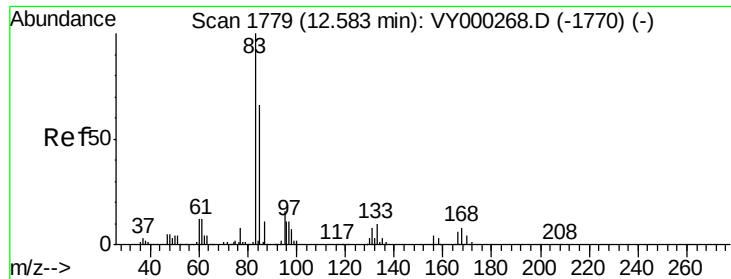
Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0





#75

1,1,2,2-Tetrachloroethane

Concen: 143.175 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY000270.D

Acq: 11 Oct 2019 14:38

Instrument :

MSVOA_Y

ClientSampleId :

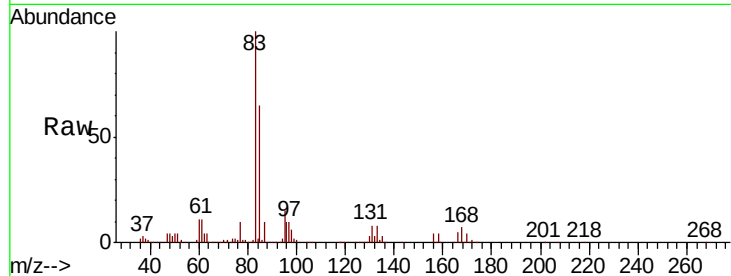
Tot Ion: 83 Resp: 443600

Ion Ratio Lower Upper

83 100

131 9.3 5.3 16.1

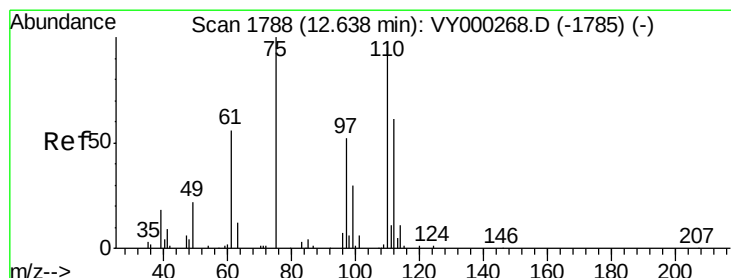
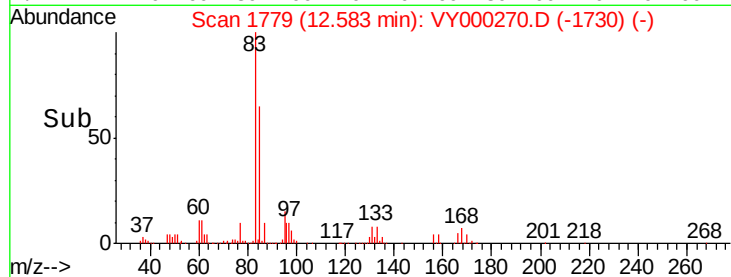
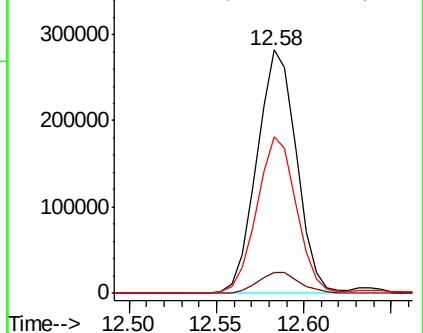
85 64.4 32.9 98.7



Abundance Ion 82.90 (82.60 to 83.60): VY000270.D (-1730) (-)

Ion 130.80 (130.50 to 131.50): VY000270.D (-1730) (-)

Ion 84.90 (84.60 to 85.60): VY000270.D (-1730) (-)



#76

1,2,3-Trichloropropane

Concen: 150.504 ug/l

RT: 12.64 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VY000270.D

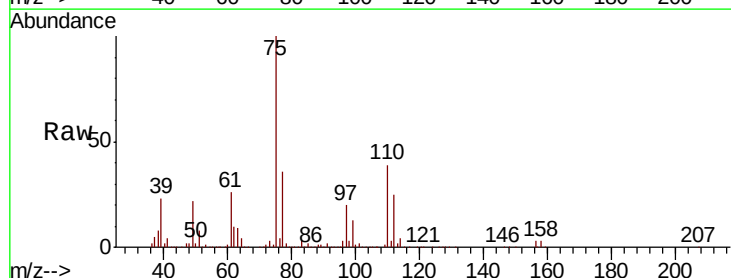
Acq: 11 Oct 2019 14:38

Tgt Ion: 75 Resp: 636745

Ion Ratio Lower Upper

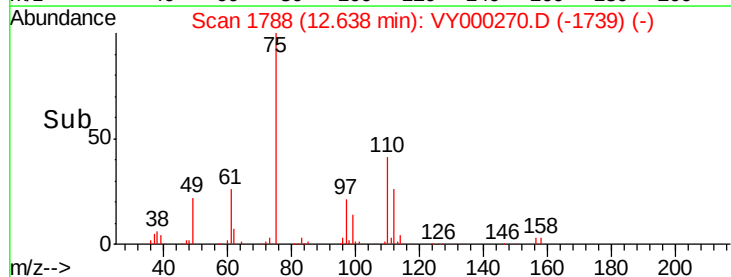
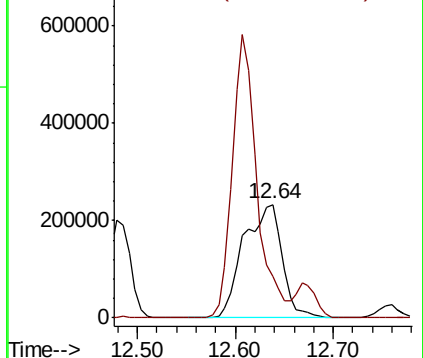
75 100

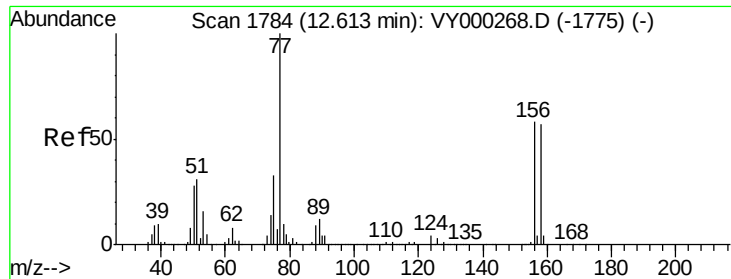
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY000270.D (-1739) (-)

Ion 77.00 (76.70 to 77.70): VY000270.D (-1739) (-)





#77

Bromobenzene

Concen: 133.406 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.01 min

Lab File: VY000270.D

Acq: 11 Oct 2019 14:38

Instrument :

MSVOA_Y

ClientSampled :

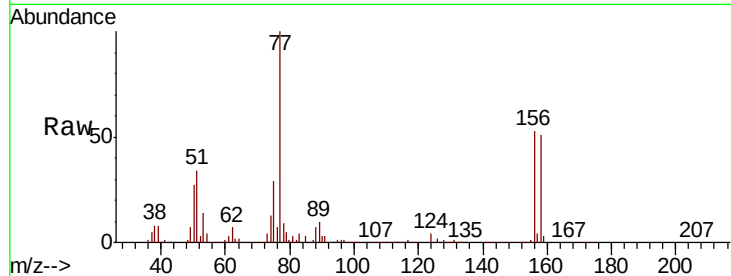
Tot Ion:156 Resp: 489868

Ion Ratio Lower Upper

156 100

77 209.0 101.0 302.9

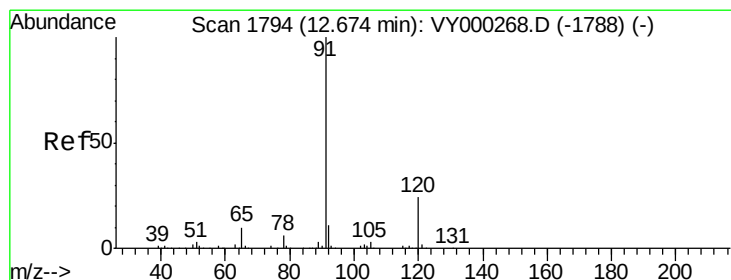
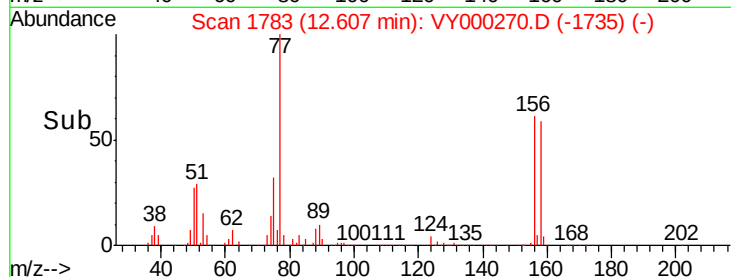
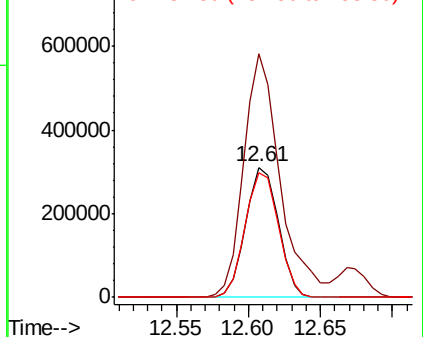
158 97.8 49.7 149.1



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: 142.142 ug/l

RT: 12.67 min Scan# 1794

Delta R.T. 0.00 min

Lab File: VY000270.D

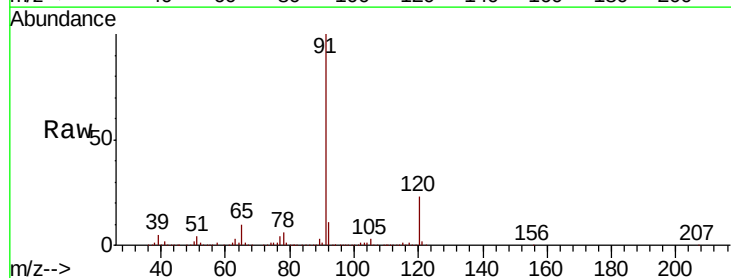
Acq: 11 Oct 2019 14:38

Tgt Ion: 91 Resp: 2816236

Ion Ratio Lower Upper

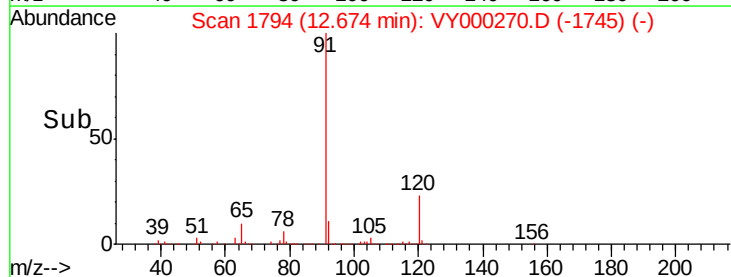
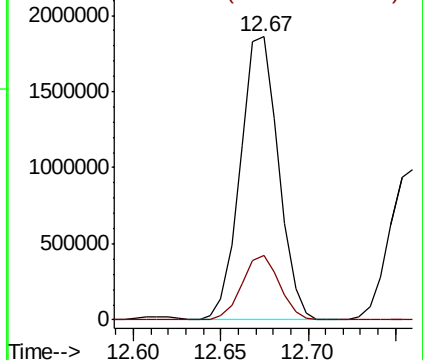
91 100

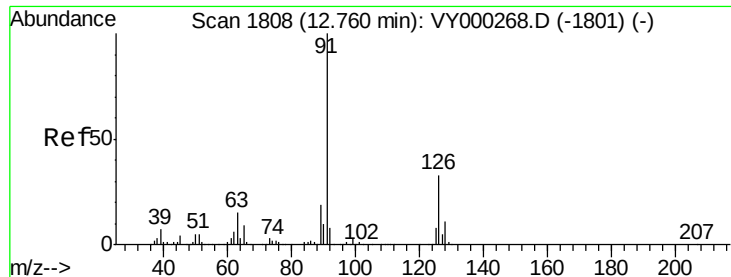
120 22.4 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 140.571 ug/l

RT: 12.76 min Scan# 1808

Delta R.T. 0.00 min

Lab File: VY000270.D

Acq: 11 Oct 2019 14:38

Instrument :

MSVOA_Y

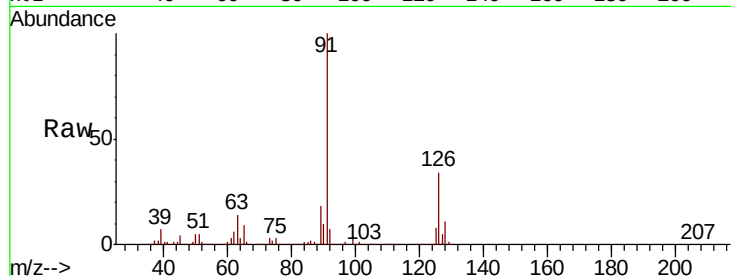
ClientSampled :

Tot Ion: 91 Resp: 1538119

Ion Ratio Lower Upper

91 100

126 33.9 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) (-)

1500000

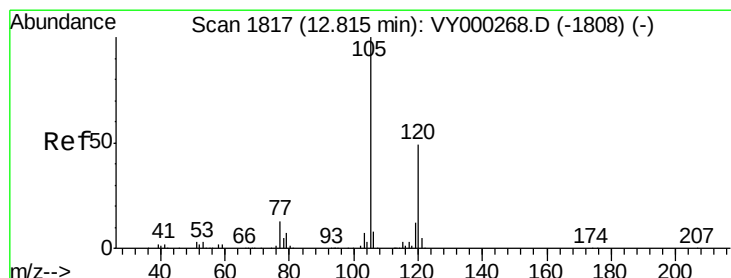
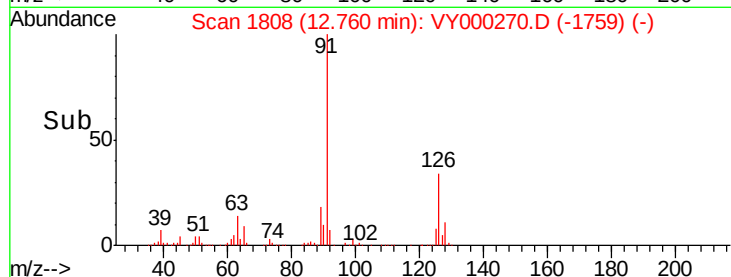
1000000

500000

0

12.70 12.75 12.80

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 137.885 ug/l

RT: 12.81 min Scan# 1817

Delta R.T. 0.00 min

Lab File: VY000270.D

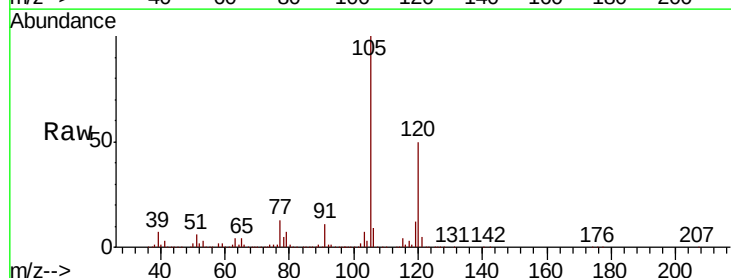
Acq: 11 Oct 2019 14:38

Tgt Ion:105 Resp: 1907946

Ion Ratio Lower Upper

105 100

120 49.3 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) (-)

1500000

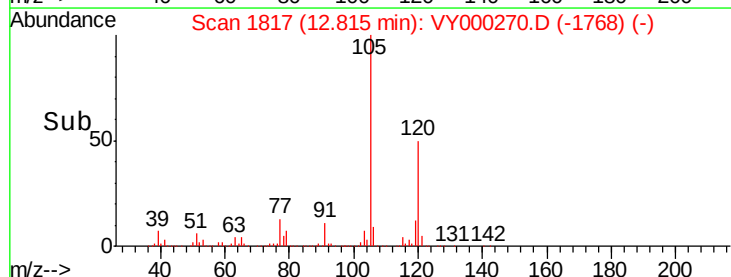
1000000

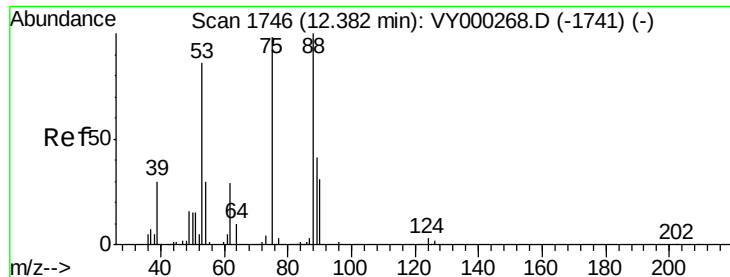
500000

0

12.80 12.81 12.82

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 150.674 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. 0.00 min

Lab File: VY000270.D

Acq: 11 Oct 2019 14:38

Instrument :

MSVOA_Y

ClientSampleId :

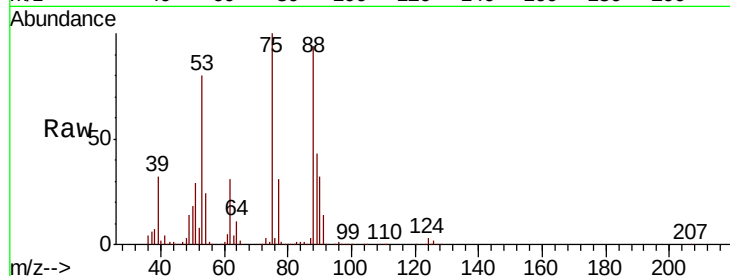
Tot Ion: 75 Resp: 179212

Ion Ratio Lower Upper

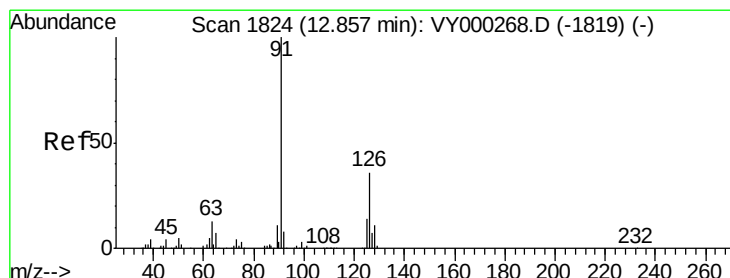
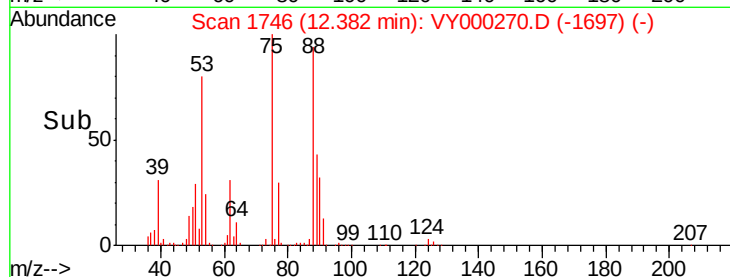
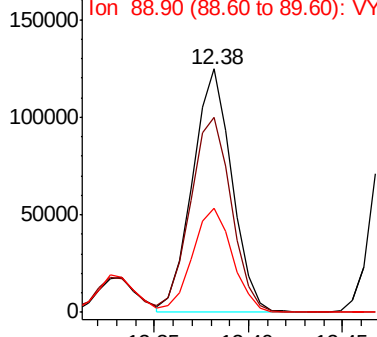
75 100

53 84.3 71.3 106.9

89 44.0 35.1 52.7



Abundance Ion 74.90 (74.60 to 75.60): VY0
Ion 53.00 (52.70 to 53.70): VY0
Ion 88.90 (88.60 to 89.60): VY0



#82

4-Chlorotoluene

Concen: 141.198 ug/l

RT: 12.86 min Scan# 1824

Delta R.T. 0.00 min

Lab File: VY000270.D

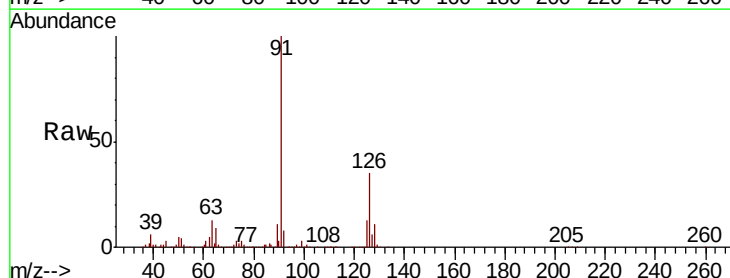
Acq: 11 Oct 2019 14:38

Tgt Ion: 91 Resp: 1633124

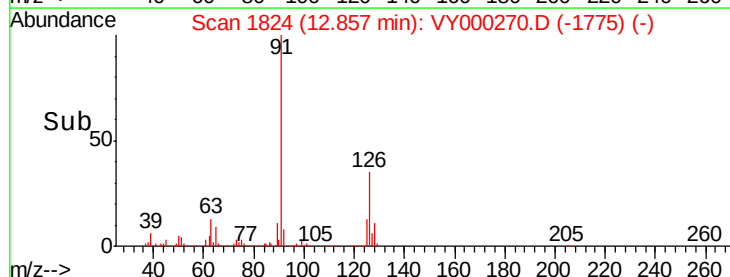
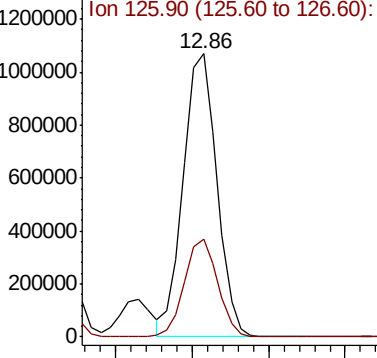
Ion Ratio Lower Upper

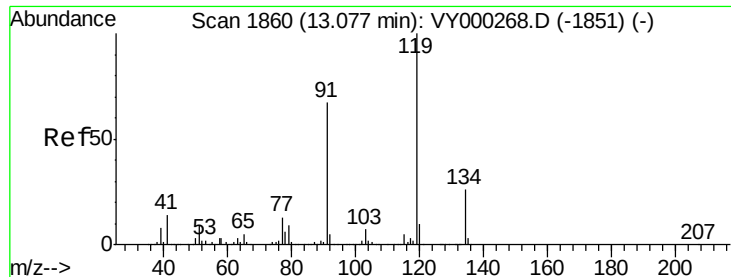
91 100

126 34.1 17.2 51.5



Abundance Ion 91.00 (90.70 to 91.70): VY0
Ion 125.90 (125.60 to 126.60): V

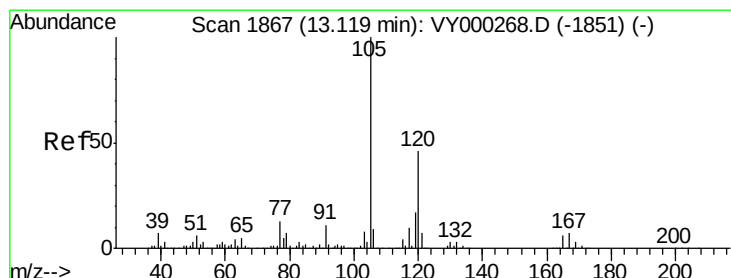
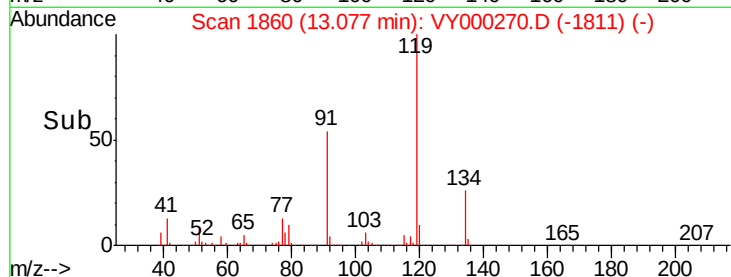
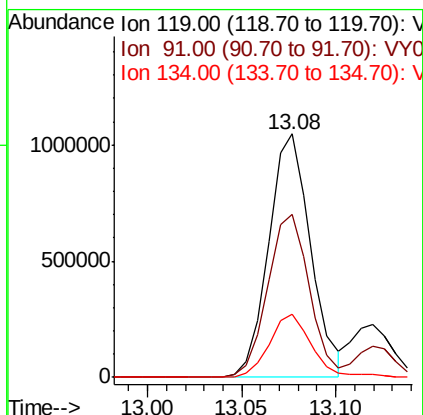
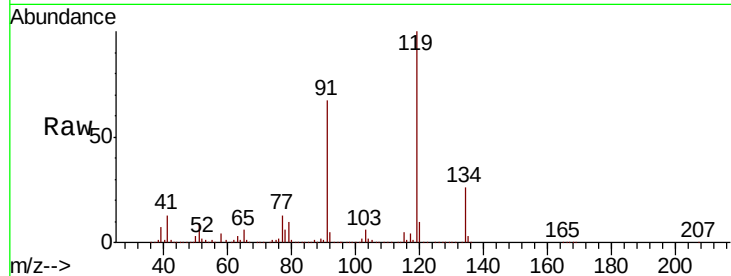




#83
 tert-Butylbenzene
 Concen: 137.865 ug/l
 RT: 13.08 min Scan# 1860
 Delta R.T. 0.00 min
 Lab File: VY000270.D
 Acq: 11 Oct 2019 14:38

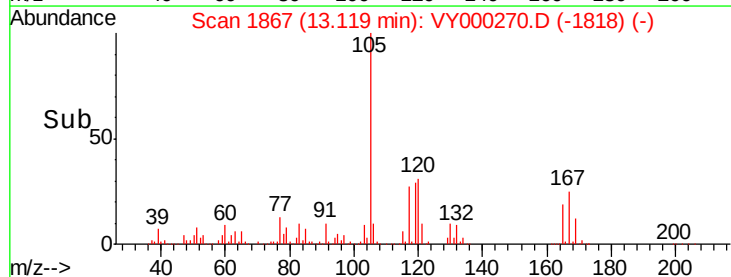
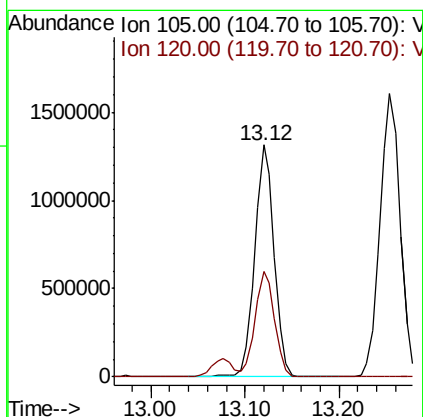
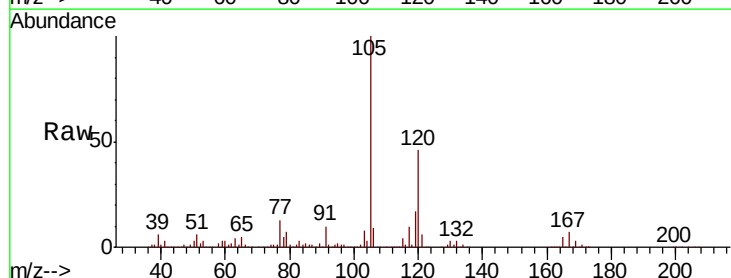
Instrument :
 MSVOA_Y
 ClientSampled :

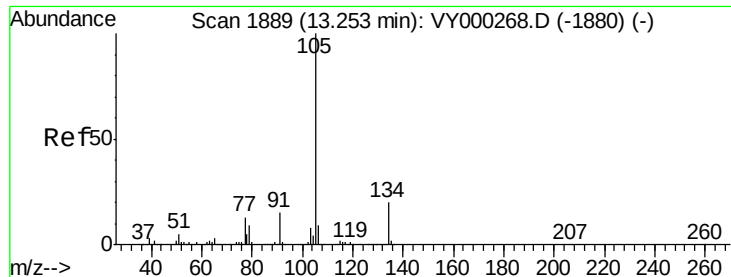
Tot Ion:119 Resp: 1615481
 Ion Ratio Lower Upper
 119 100
 91 66.6 32.9 98.7
 134 26.3 13.3 39.8



#84
 1,2,4-Trimethylbenzene
 Concen: 139.740 ug/l
 RT: 13.12 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VY000270.D
 Acq: 11 Oct 2019 14:38

Tgt Ion:105 Resp: 1908393
 Ion Ratio Lower Upper
 105 100
 120 45.4 22.9 68.8

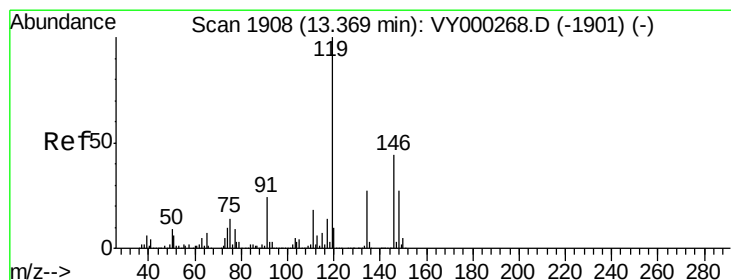
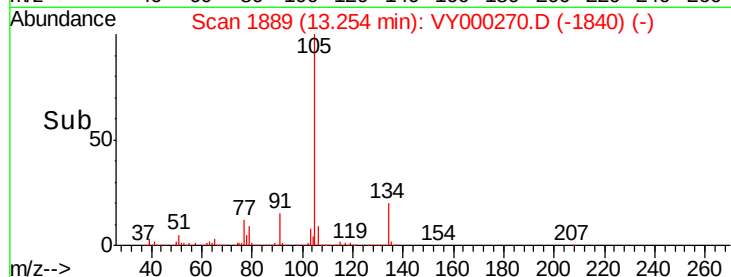
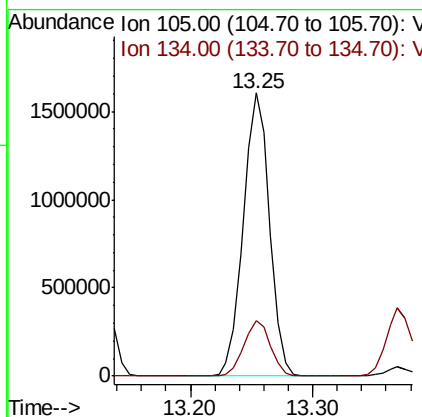
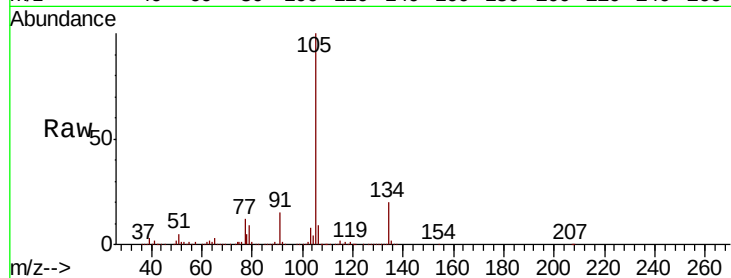




#85
 sec-Butylbenzene
 Concen: 140.485 ug/l
 RT: 13.25 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VY000270.D
 Acq: 11 Oct 2019 14:38

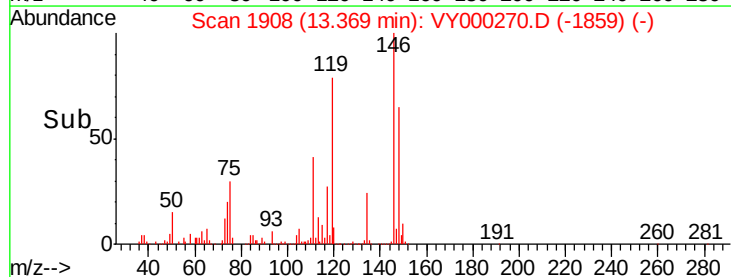
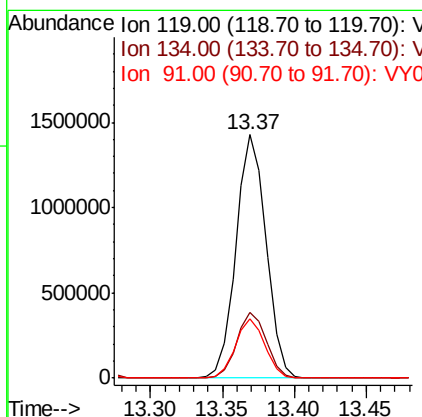
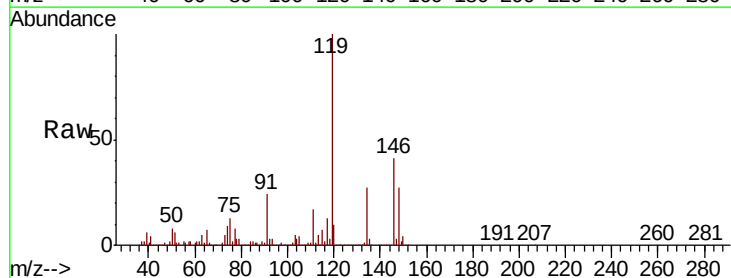
Instrument :
 MSVOA_Y
 ClientSampled :

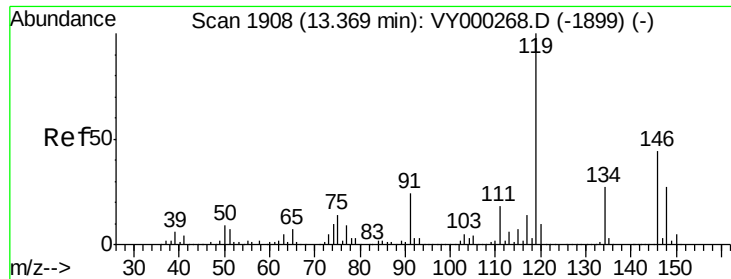
Tot Ion:105 Resp: 2381424
 Ion Ratio Lower Upper
 105 100
 134 19.9 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 139.621 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. 0.00 min
 Lab File: VY000270.D
 Acq: 11 Oct 2019 14:38

Tgt Ion:119 Resp: 2063380
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.6 40.8
 91 23.8 12.0 36.1

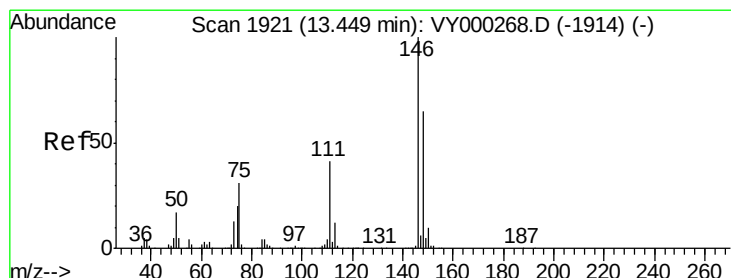
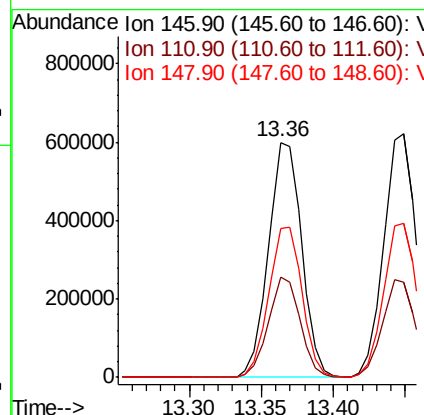
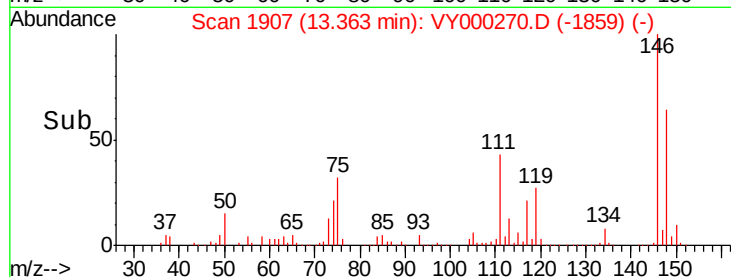
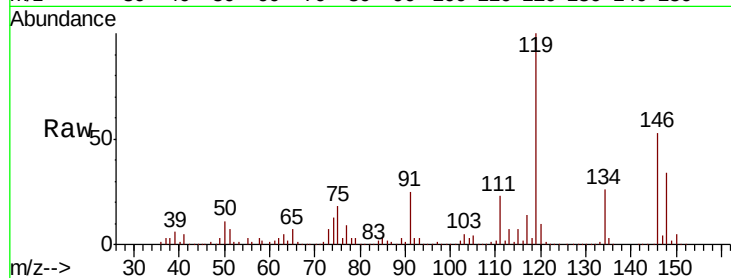




#87
 1,3-Dichlorobenzene
 Concen: 132.546 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. -0.01 min
 Lab File: VY000270.D
 Acq: 11 Oct 2019 14:38

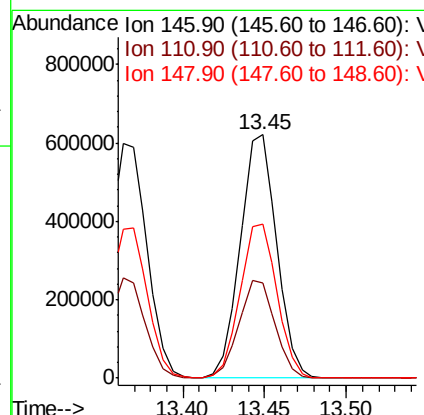
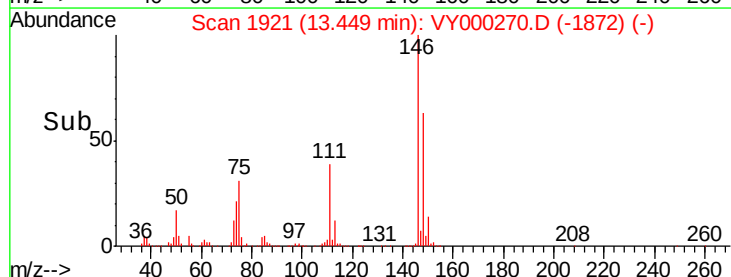
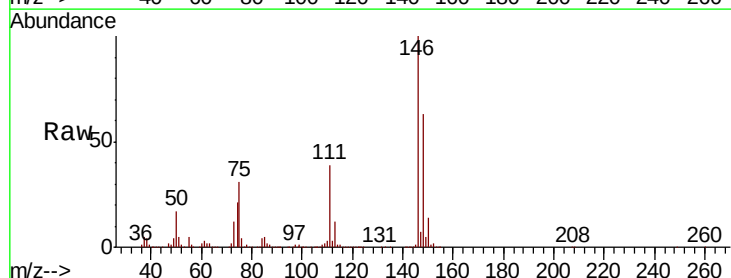
Instrument :
 MSVOA_Y
 ClientSampleId :

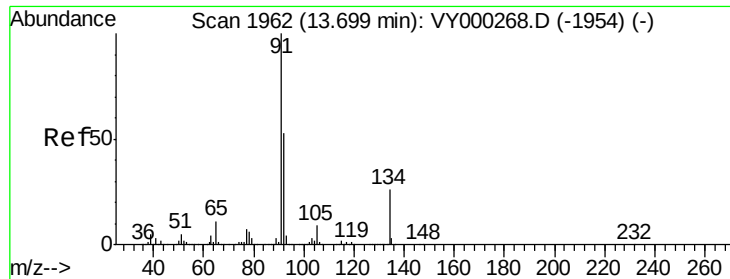
Tot Ion:146 Resp: 958952
 Ion Ratio Lower Upper
 146 100
 111 41.0 20.6 61.8
 148 64.1 31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 133.541 ug/l
 RT: 13.45 min Scan# 1921
 Delta R.T. 0.00 min
 Lab File: VY000270.D
 Acq: 11 Oct 2019 14:38

Tgt Ion:146 Resp: 965693
 Ion Ratio Lower Upper
 146 100
 111 39.7 20.1 60.2
 148 64.2 32.4 97.2





#89

n-Butylbenzene

Concen: 144.031 ug/l

RT: 13.70 min Scan# 1962

Delta R.T. 0.00 min

Lab File: VY000270.D

Acq: 11 Oct 2019 14:38

Instrument :

MSVOA_Y

ClientSampleId :

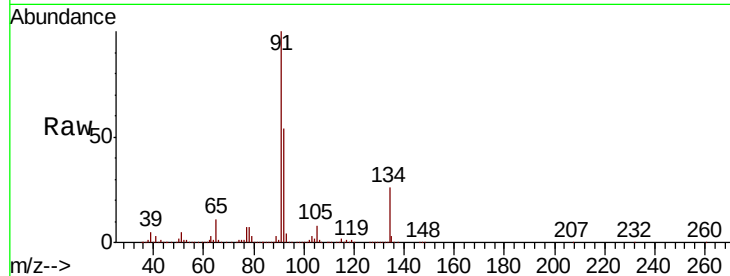
Tot Ion: 91 Resp: 2103458

Ion Ratio Lower Upper

91 100

92 54.2 26.7 80.1

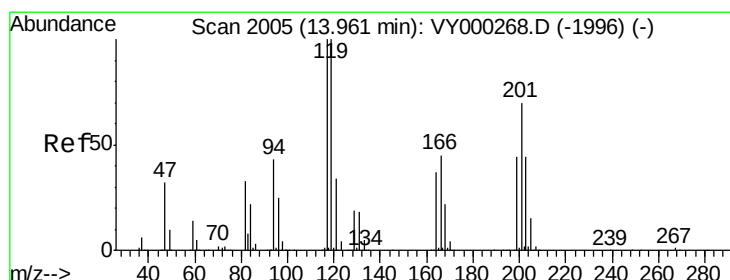
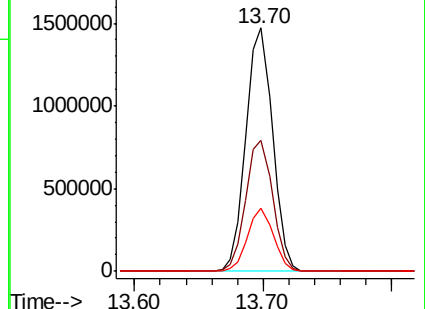
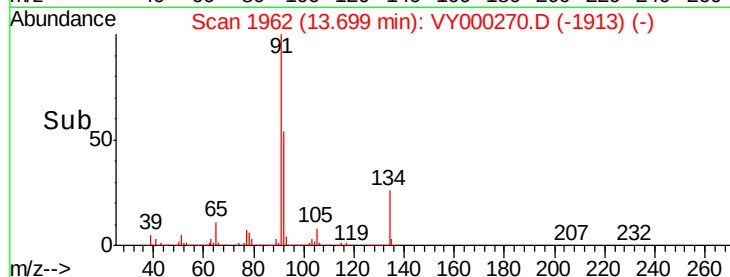
134 25.1 13.0 38.9



Abundance Ion 91.00 (90.70 to 91.70): VY000270.D (-1954) (-)

Ion 92.00 (91.70 to 92.70): VY000270.D (-1954) (-)

Ion 134.00 (133.70 to 134.70): VY000270.D (-1954) (-)



#90

Hexachloroethane

Concen: 142.763 ug/l

RT: 13.96 min Scan# 2005

Delta R.T. 0.00 min

Lab File: VY000270.D

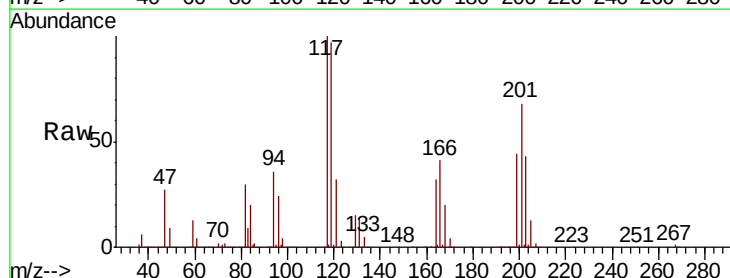
Acq: 11 Oct 2019 14:38

Tgt Ion: 117 Resp: 390678

Ion Ratio Lower Upper

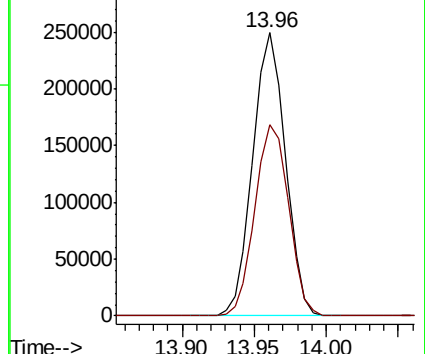
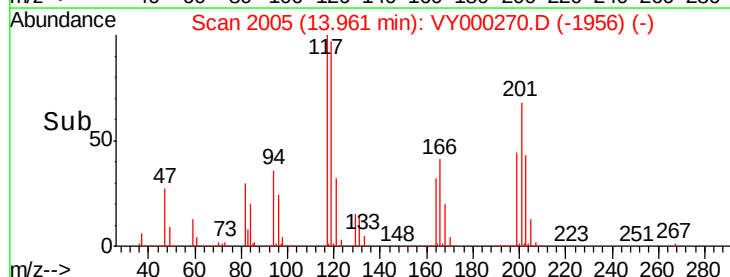
117 100

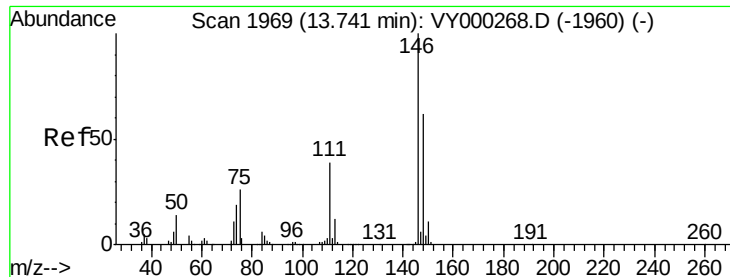
201 70.0 36.3 108.7



Abundance Ion 116.80 (116.50 to 117.50): VY000270.D (-1956) (-)

Ion 200.70 (200.40 to 201.40): VY000270.D (-1956) (-)

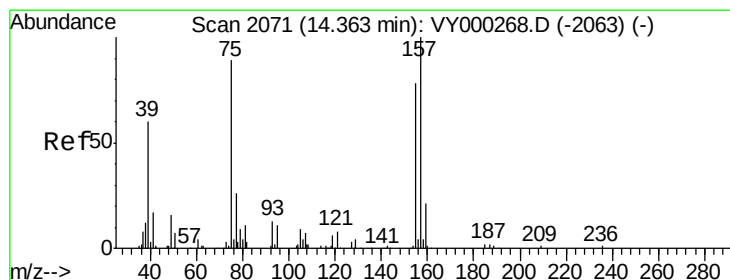
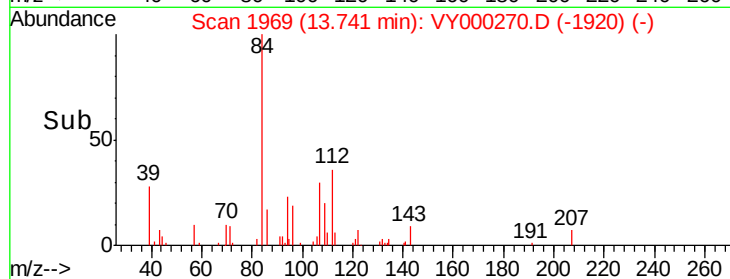
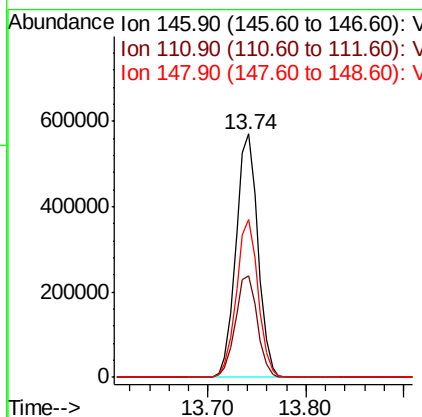
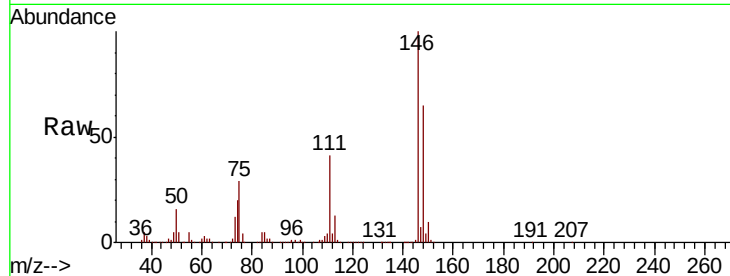




#91
 1,2-Dichlorobenzene
 Concen: 135.296 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. 0.00 min
 Lab File: VY000270.D
 Acq: 11 Oct 2019 14:38

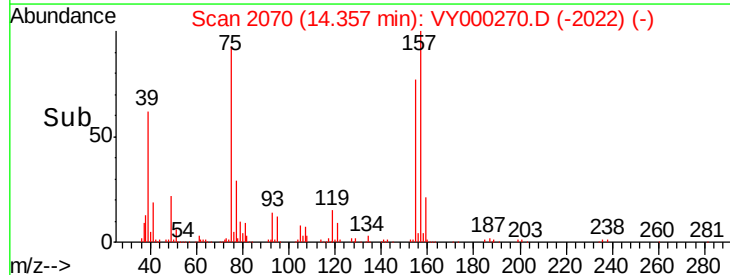
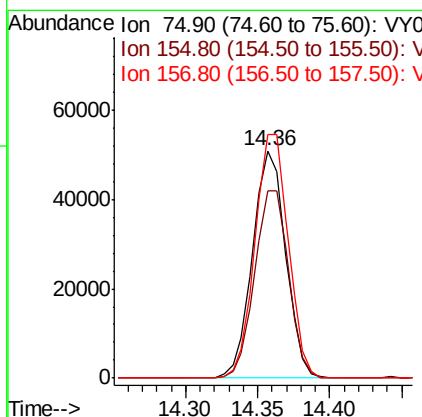
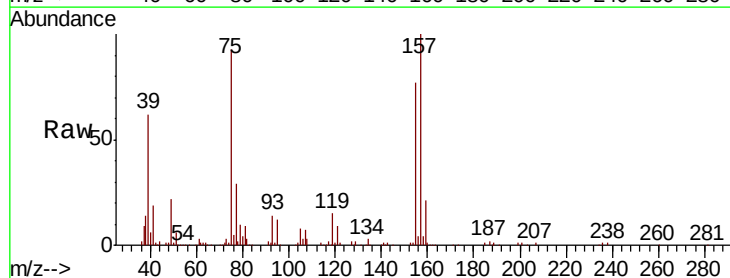
Instrument :
 MSVOA_Y
 ClientSampleId :

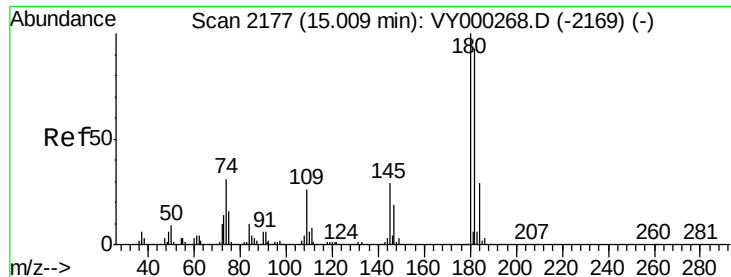
Tot Ion	Ratio	Lower	Upper
146	100		
111	41.9	20.5	61.5
148	64.1	31.6	95.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 136.989 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. -0.01 min
 Lab File: VY000270.D
 Acq: 11 Oct 2019 14:38

Tgt Ion	Ratio	Lower	Upper
75	100		
155	84.5	45.8	137.3
157	108.1	55.6	166.9

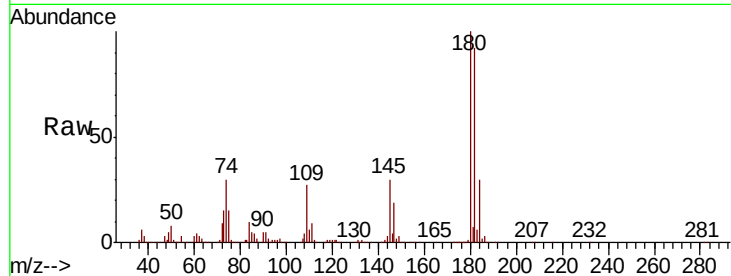




#93
 1,2,4-Trichlorobenzene
 Concen: 130.657 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VY000270.D
 Acq: 11 Oct 2019 14:38

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.0	47.5	142.6
145	31.0	15.4	46.1

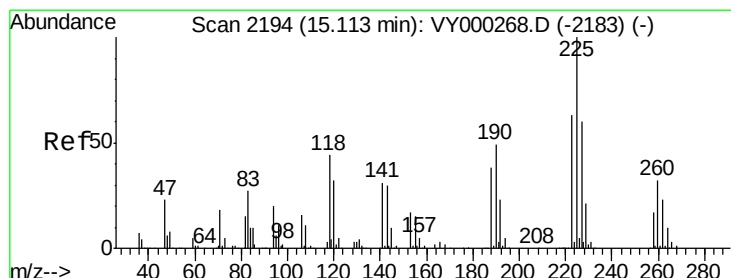
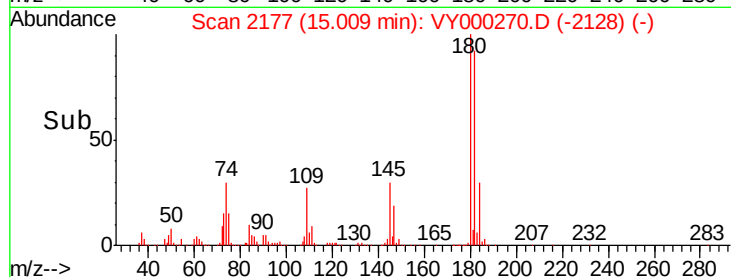
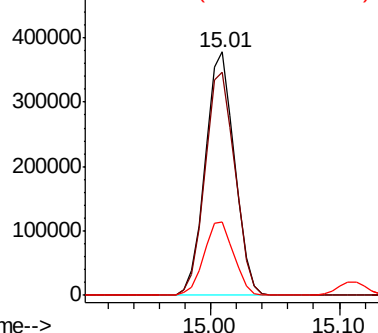


Abundance

Ion 179.80 (179.50 to 180.50): V

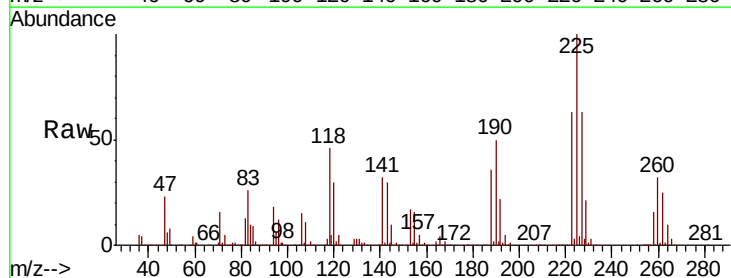
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 126.106 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. 0.00 min
 Lab File: VY000270.D
 Acq: 11 Oct 2019 14:38

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.1	31.9	95.7
227	63.2	31.4	94.2

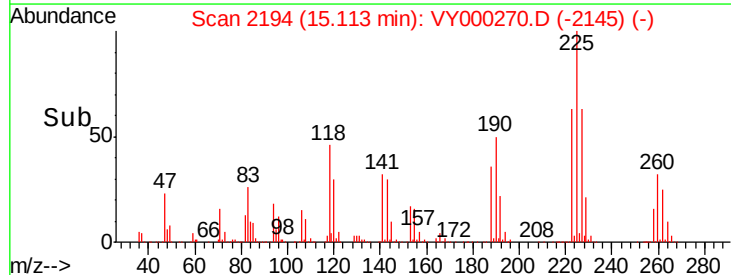
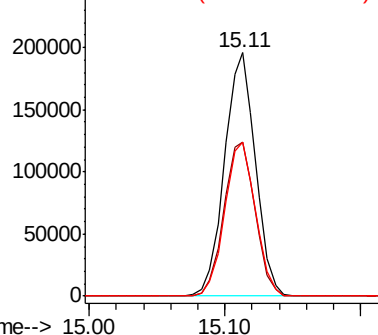


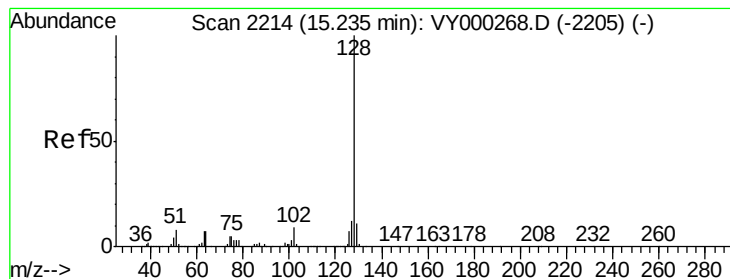
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 135.069 ug/l

RT: 15.23 min Scan# 2214

Delta R.T. 0.00 min

Lab File: VY000270.D

Acq: 11 Oct 2019 14:38

Instrument :

MSVOA_Y

ClientSampled :

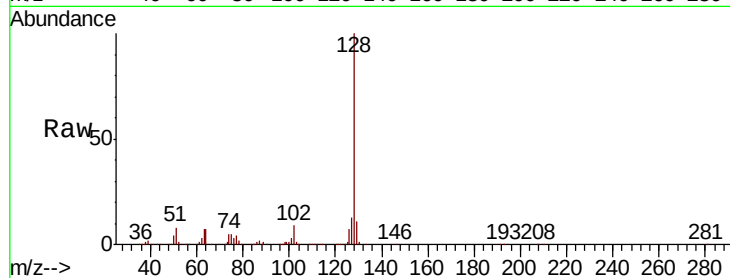
Tot Ion:128 Resp: 1374061

Ion Ratio Lower Upper

128 100

127 12.5 9.6 14.4

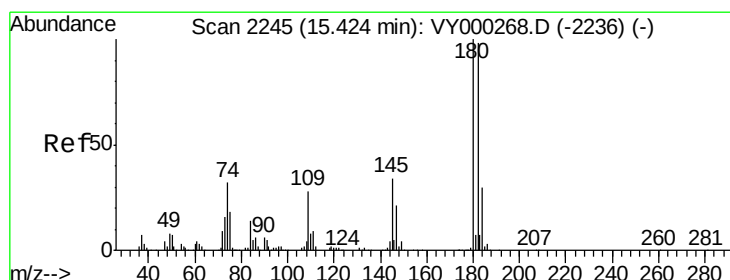
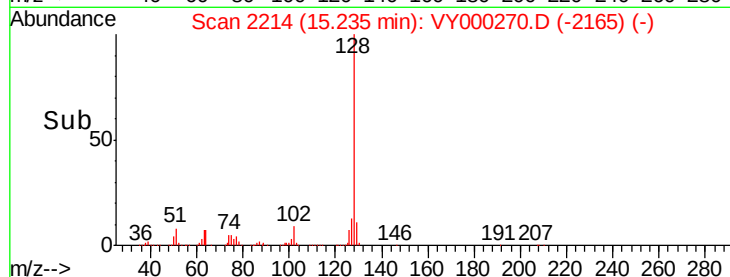
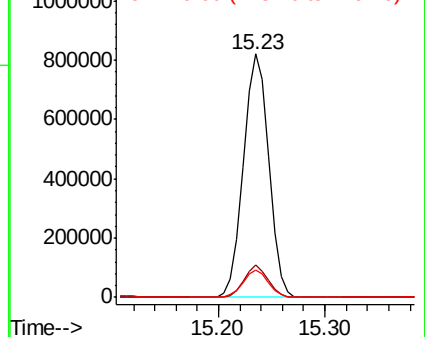
129 11.0 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 132.281 ug/l

RT: 15.42 min Scan# 2245

Delta R.T. 0.00 min

Lab File: VY000270.D

Acq: 11 Oct 2019 14:38

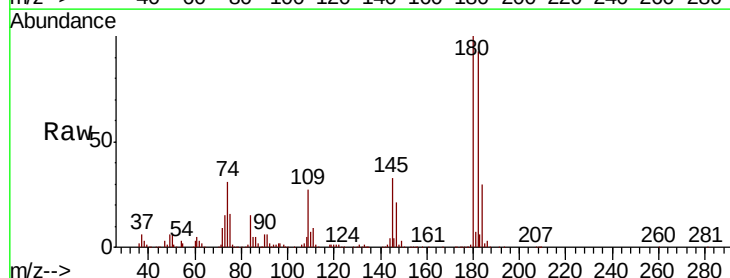
Tgt Ion:180 Resp: 543468

Ion Ratio Lower Upper

180 100

182 92.6 46.5 139.5

145 32.1 16.2 48.5



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

