

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY102319\
 Data File : VY000400.D
 Acq On : 23 Oct 2019 22:32
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 24 04:49:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y101119S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 17 02:03:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	68795	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	122330	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	116592	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	60255	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.16	65	49276	67.90	ug/l	0.00
Spiked Amount			Recovery	=	135.80%	
35) Dibromofluoromethane	7.74	113	41729	56.55	ug/l	0.00
Spiked Amount			Recovery	=	113.10%	
50) Toluene-d8	10.19	98	153723	54.16	ug/l	0.00
Spiked Amount			Recovery	=	108.32%	
62) 4-Bromofluorobenzene	12.48	95	58105	53.88	ug/l	0.00
Spiked Amount			Recovery	=	107.76%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.90	85	20535	36.624	ug/l	99
3) Chloromethane	2.12	50	45152	53.711	ug/l	97
4) Vinyl Chloride	2.26	62	33365	39.327	ug/l	95
5) Bromomethane	2.65	94	24702	39.286	ug/l	98
6) Chloroethane	2.80	64	23611	43.132	ug/l	94
7) Trichlorofluoromethane	3.13	101	51474	44.354	ug/l	95
8) Diethyl Ether	3.54	74	27840	67.906	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.90	101	33005	46.895	ug/l	98
10) Methyl Iodide	4.10	142	28210	28.659	ug/l	97
11) Tert butyl alcohol	4.96	59	27820	366.328	ug/l #	86
12) 1,1-Dichloroethene	3.88	96	32797	47.203	ug/l	89
13) Acrolein	3.74	56	23784	267.130	ug/l	97
14) Allyl chloride	4.49	41	54483	47.318	ug/l	93
15) Acrylonitrile	5.18	53	86200	375.645	ug/l	96
16) Acetone	3.96	43	76861	327.060	ug/l	100
17) Carbon Disulfide	4.21	76	85437	39.055	ug/l	98
18) Methyl Acetate	4.49	43	46235	79.183	ug/l	99
19) Methyl tert-butyl Ether	5.24	73	137780	71.233	ug/l	98
20) Methylene Chloride	4.72	84	49104	63.480	ug/l	94
21) trans-1,2-Dichloroethene	5.23	96	39078	49.022	ug/l	96
22) Diisopropyl ether	6.14	45	156760	64.370	ug/l	91
23) Vinyl Acetate	6.07	43	516670	325.204	ug/l	100
24) 1,1-Dichloroethane	6.04	63	75454	56.763	ug/l #	93
25) 2-Butanone	7.00	43	116344	351.441	ug/l	99
26) 2,2-Dichloropropane	7.00	77	57313	46.791	ug/l	98
27) cis-1,2-Dichloroethene	7.00	96	51790	60.040	ug/l	93
28) Bromochloromethane	7.35	49	37756	66.164	ug/l	96
29) Tetrahydrofuran	7.36	42	74505	371.359	ug/l	99
30) Chloroform	7.52	83	80863	60.405	ug/l	98
31) Cyclohexane	7.80	56	56582	40.755	ug/l	96
32) 1,1,1-Trichloroethane	7.72	97	61103	51.341	ug/l	98
36) 1,1-Dichloropropene	7.93	75	52075	43.480	ug/l	100
37) Ethyl Acetate	7.08	43	49392	69.647	ug/l	99
38) Carbon Tetrachloride	7.91	117	52518	45.288	ug/l #	91

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	65130	41.549	ug/l	91
40) Benzene	8.17	78	175555	50.721	ug/l	100
41) Methacrylonitrile	7.36	41	70925	210.106	ug/l #	1
42) 1,2-Dichloroethane	8.25	62	62322	63.035	ug/l	98
43) Isopropyl Acetate	8.28	43	94634	70.180	ug/l	97
44) Trichloroethene	8.95	130	48657	50.102	ug/l	93
45) 1,2-Dichloropropane	9.22	63	49847	58.686	ug/l	97
46) Dibromomethane	9.32	93	31299	65.917	ug/l	97
47) Bromodichloromethane	9.50	83	66153	59.117	ug/l	96
48) Methyl methacrylate	9.30	41	39258	66.431	ug/l	96
49) 1,4-Dioxane	9.30	88	10859	1525.274	ug/l	99
51) 4-Methyl-2-Pentanone	10.08	43	245345	352.766	ug/l	99
52) Toluene	10.25	92	113228	51.526	ug/l	98
53) t-1,3-Dichloropropene	10.47	75	71185	59.358	ug/l	98
54) cis-1,3-Dichloropropene	9.94	75	78817	57.872	ug/l	97
55) 1,1,2-Trichloroethane	10.65	97	44781	64.865	ug/l	93
56) Ethyl methacrylate	10.52	69	60521	61.503	ug/l	93
57) 1,3-Dichloropropane	10.80	76	77978	65.769	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.79	63	159209	405.628	ug/l	100
59) 2-Hexanone	10.83	43	167801	343.733	ug/l	99
60) Dibromochloromethane	10.99	129	48637	63.561	ug/l	99
61) 1,2-Dibromoethane	11.09	107	43498	65.620	ug/l	98
64) Tetrachloroethene	10.72	164	54379	48.991	ug/l	96
65) Chlorobenzene	11.52	112	128769	52.332	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	49749	57.556	ug/l	96
67) Ethyl Benzene	11.60	91	216663	47.499	ug/l	97
68) m/p-Xylenes	11.71	106	168330	96.533	ug/l	98
69) o-Xylene	12.03	106	81562	49.031	ug/l	100
70) Styrene	12.05	104	142666	50.853	ug/l	98
71) Bromoform	12.21	173	32559	65.526	ug/l #	95
73) Isopropylbenzene	12.33	105	206938	44.045	ug/l	98
74) N-amyl acetate	12.14	43	64033	55.516	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	53282	60.401	ug/l	97
76) 1,2,3-Trichloropropane	12.63	75	75603	102.038	ug/l #	100
77) Bromobenzene	12.61	156	56962	54.484	ug/l	94
78) n-propylbenzene	12.67	91	245902	43.592	ug/l	99
79) 2-Chlorotoluene	12.75	91	146923	47.161	ug/l	98
80) 1,3,5-Trimethylbenzene	12.81	105	182508	46.326	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	19117	56.452	ug/l	99
82) 4-Chlorotoluene	12.85	91	155072	47.091	ug/l	99
83) tert-Butylbenzene	13.08	119	151381	45.375	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	184894	47.552	ug/l	99
85) sec-Butylbenzene	13.25	105	212496	44.029	ug/l	98
86) p-Isopropyltoluene	13.37	119	190886	45.367	ug/l	99
87) 1,3-Dichlorobenzene	13.37	146	103506	50.249	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	104421	50.717	ug/l	99
89) n-Butylbenzene	13.69	91	175408	42.185	ug/l	99
90) Hexachloroethane	13.96	117	35669	45.780	ug/l	94
91) 1,2-Dichlorobenzene	13.74	146	102738	55.112	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.36	75	10311	61.631	ug/l	92

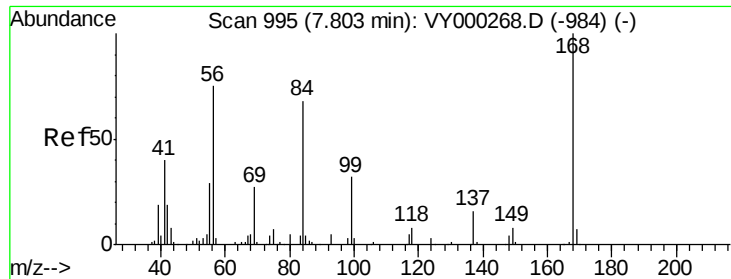
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Quant Title : SW846 8260
QLast Update : Thu Oct 17 02:03:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	67502	52.009	ug/l	99
94) Hexachlorobutadiene	15.11	225	32657	46.495	ug/l	97
95) Naphthalene	15.23	128	169449	58.503	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	65542	56.032	ug/l	98

(#) = 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: VY000400.D

Acq: 23 Oct 2019 22:32

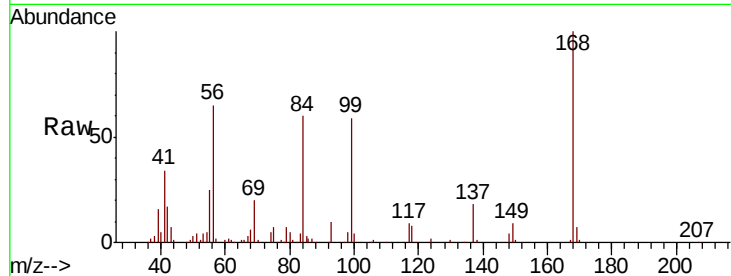
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:168 Resp: 68795

Ion Ratio Lower Upper

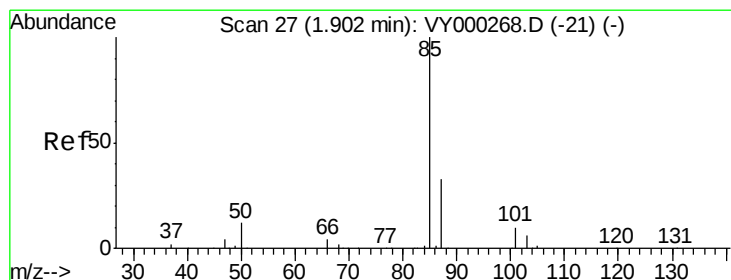
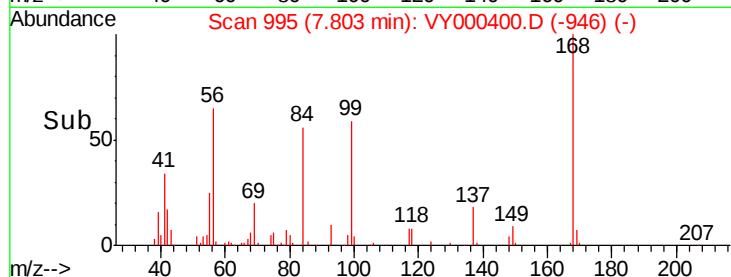
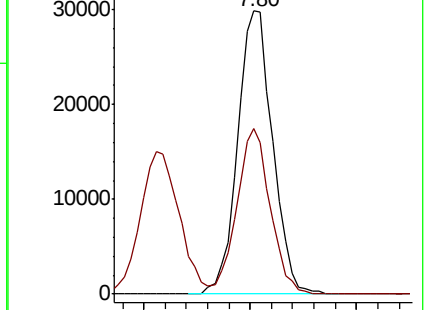
168 100

99 58.5 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) (-)



#2

Dichlorodifluoromethane

Concen: 36.624 ug/l

RT: 1.90 min Scan# 27

Delta R.T. 0.00 min

Lab File: VY000400.D

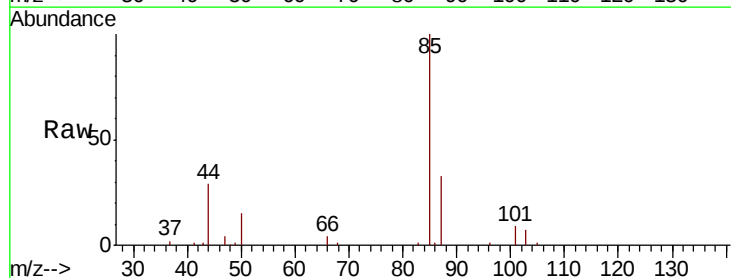
Acq: 23 Oct 2019 22:32

Tgt Ion: 85 Resp: 20535

Ion Ratio Lower Upper

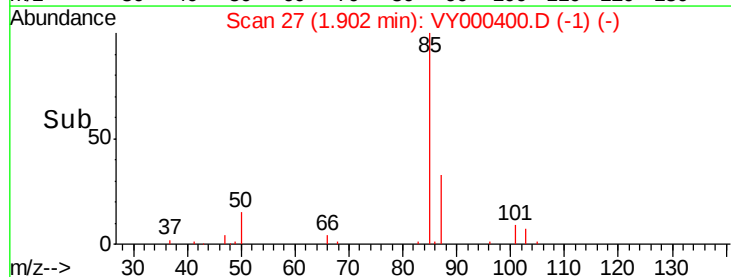
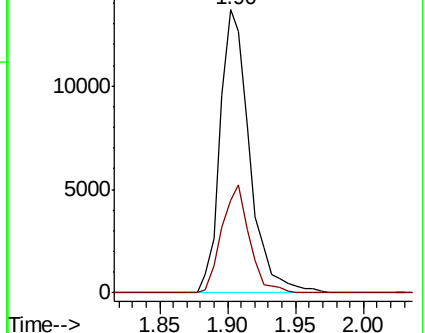
85 100

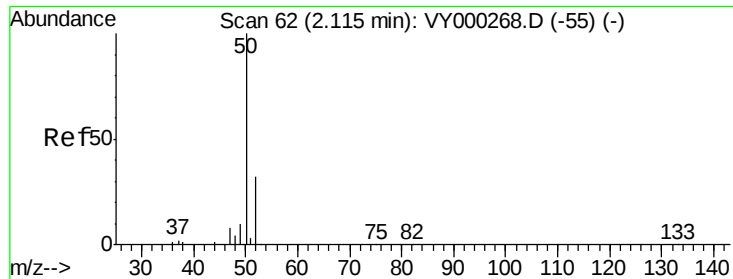
87 32.6 16.6 49.8



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

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





#3

Chloromethane

Concen: 53.711 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY000400.D

Acq: 23 Oct 2019 22:32

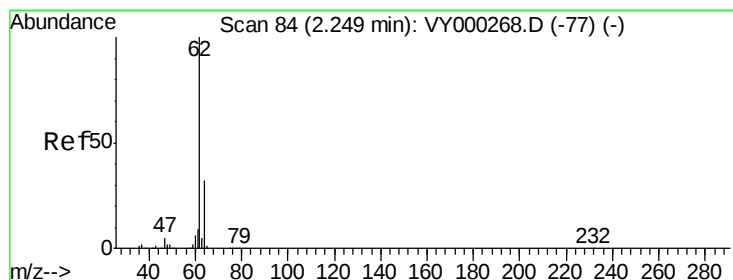
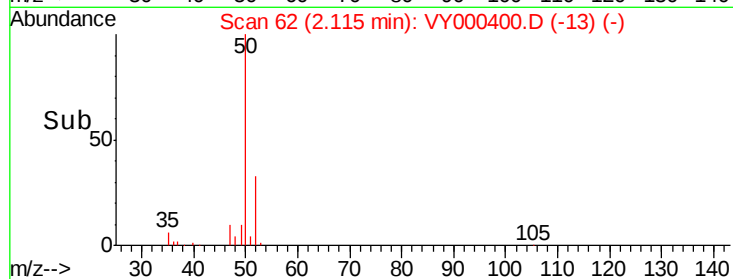
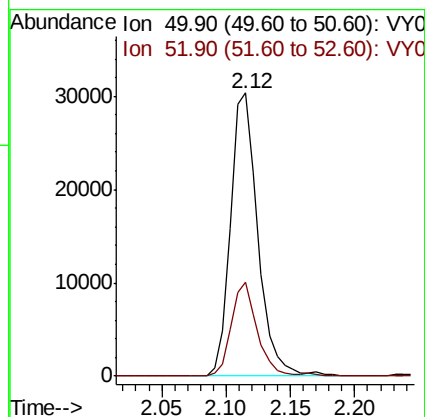
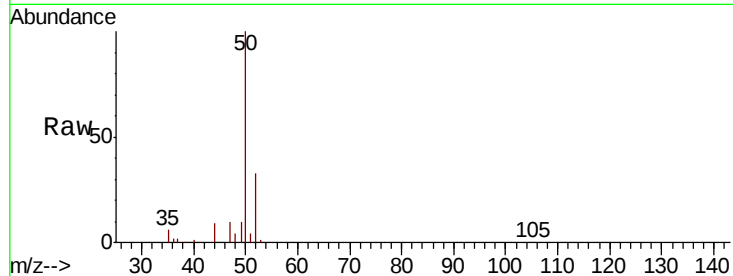
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 50 Resp: 45152

Ion Ratio Lower Upper

50 100

52 33.4 25.3 37.9



#4

Vinyl Chloride

Concen: 39.327 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.01 min

Lab File: VY000400.D

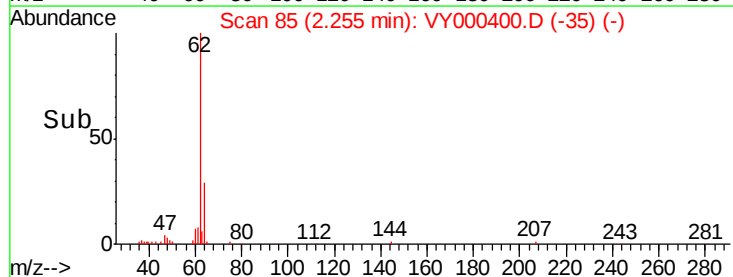
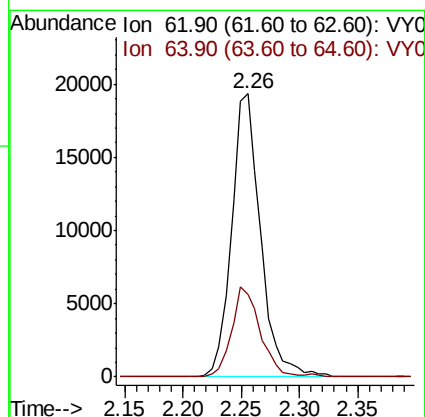
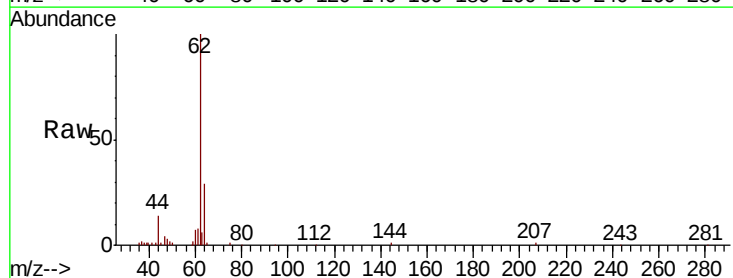
Acq: 23 Oct 2019 22:32

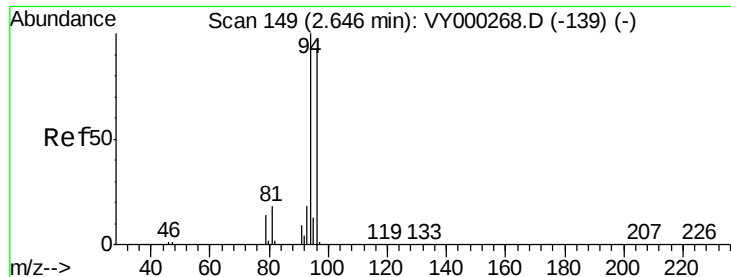
Tgt Ion: 62 Resp: 33365

Ion Ratio Lower Upper

62 100

64 29.1 25.6 38.4





#5

Bromomethane

Concen: 39.286 ug/l

RT: 2.65 min Scan# 150

Delta R.T. 0.01 min

Lab File: VY000400.D

Acq: 23 Oct 2019 22:32

Instrument :

MSVOA_Y

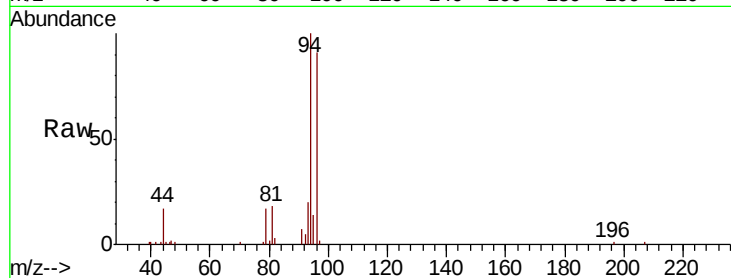
ClientSampleId :

Tot Ion: 94 Resp: 24702

Ion Ratio Lower Upper

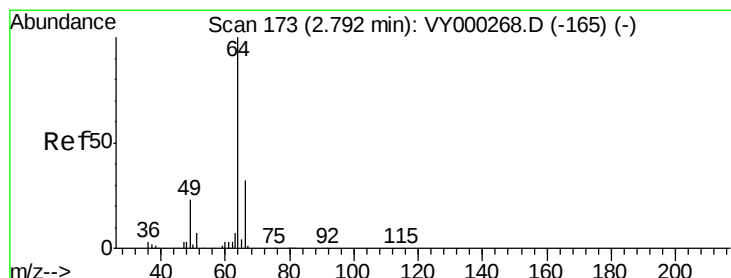
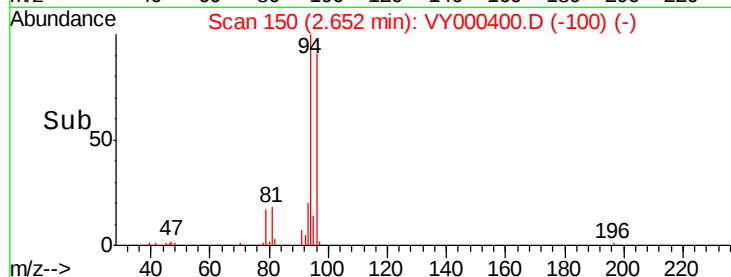
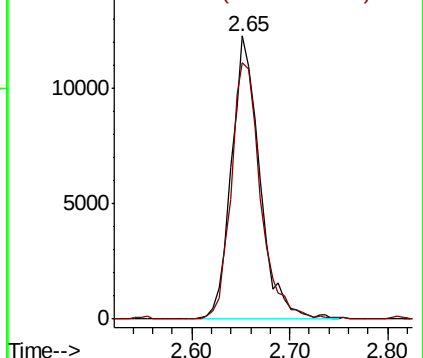
94 100

96 90.5 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: 43.132 ug/l

RT: 2.80 min Scan# 174

Delta R.T. 0.01 min

Lab File: VY000400.D

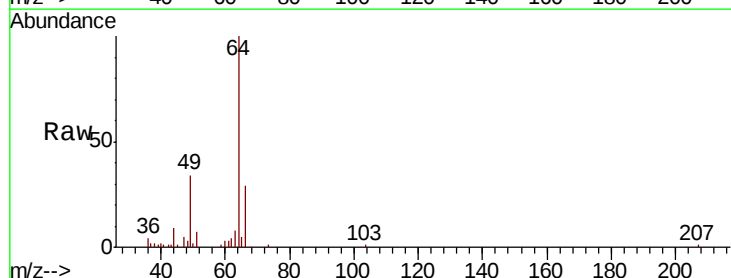
Acq: 23 Oct 2019 22:32

Tgt Ion: 64 Resp: 23611

Ion Ratio Lower Upper

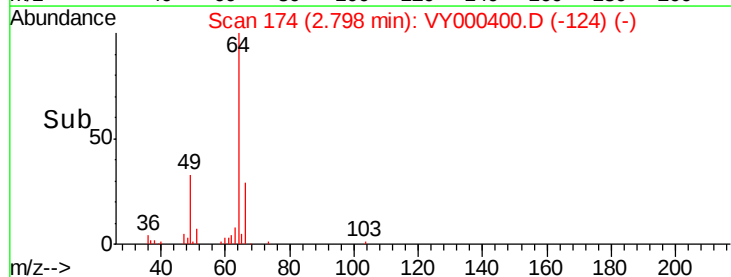
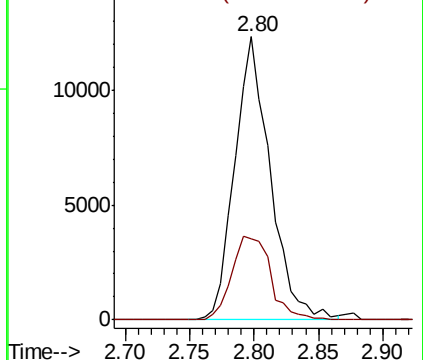
64 100

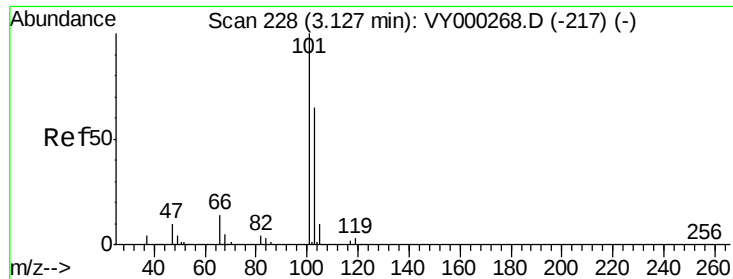
66 28.5 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



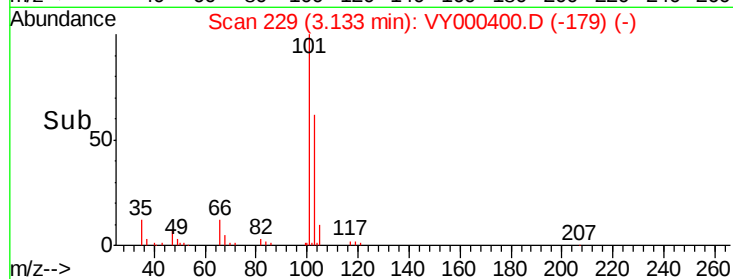
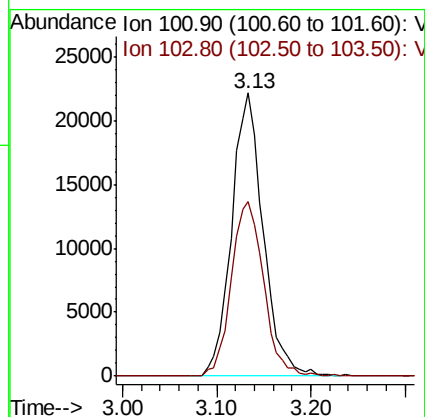
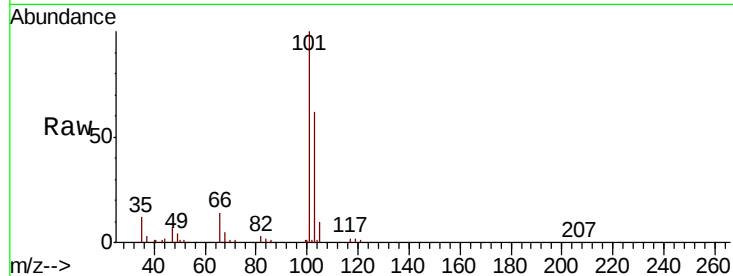


#7

Trichlorofluoromethane
 Concen: 44.354 ug/l
 RT: 3.13 min Scan# 229
 Delta R.T. 0.01 min
 Lab File: VY000400.D
 Acq: 23 Oct 2019 22:32

Instrument :
 MSVOA_Y
 ClientSampled :

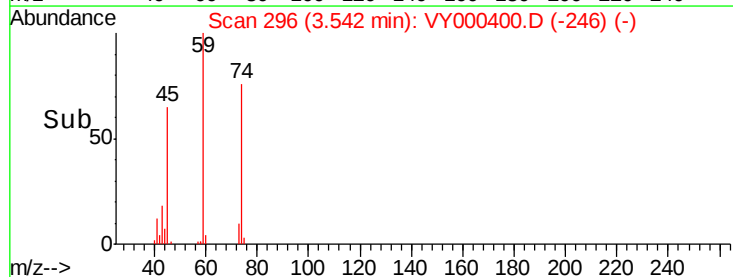
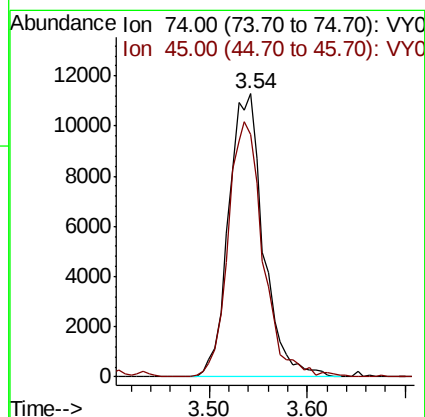
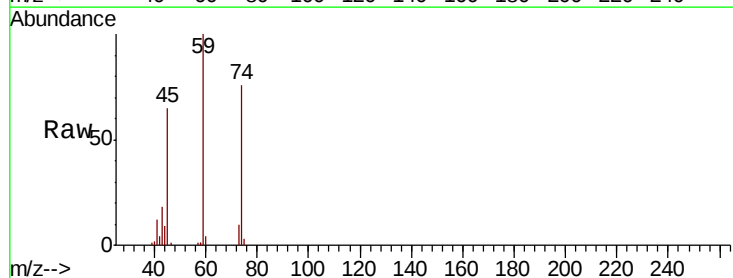
Tot Ion:101 Resp: 51474
 Ion Ratio Lower Upper
 101 100
 103 61.7 52.2 78.4

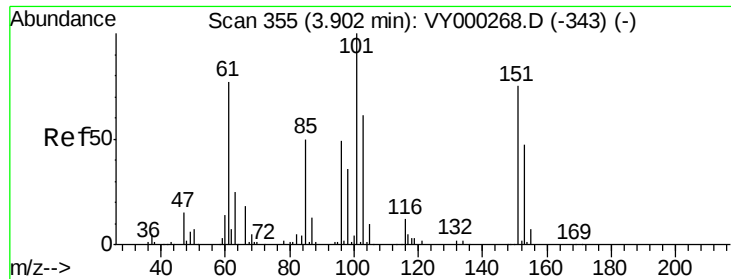


#8

Diethyl Ether
 Concen: 67.906 ug/l
 RT: 3.54 min Scan# 296
 Delta R.T. 0.01 min
 Lab File: VY000400.D
 Acq: 23 Oct 2019 22:32

Tgt Ion: 74 Resp: 27840
 Ion Ratio Lower Upper
 74 100
 45 90.3 47.1 141.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.895 ug/l

RT: 3.90 min Scan# 355

Delta R.T. 0.00 min

Lab File: VY000400.D

Acq: 23 Oct 2019 22:32

Instrument :

MSVOA_Y

ClientSampleId :

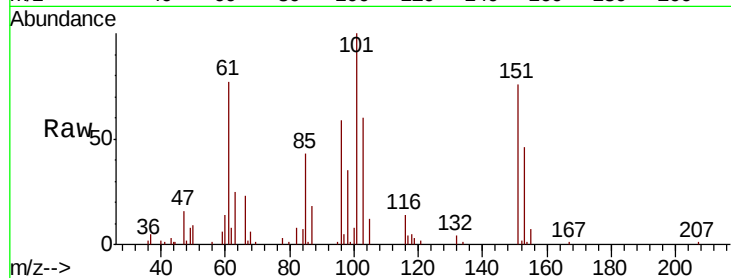
Tot Ion:101 Resp: 33005

Ion Ratio Lower Upper

101 100

85 45.2 36.6 55.0

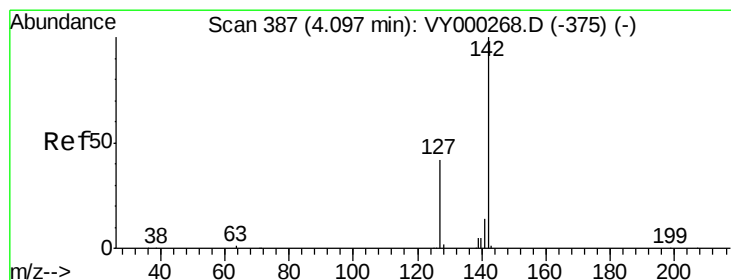
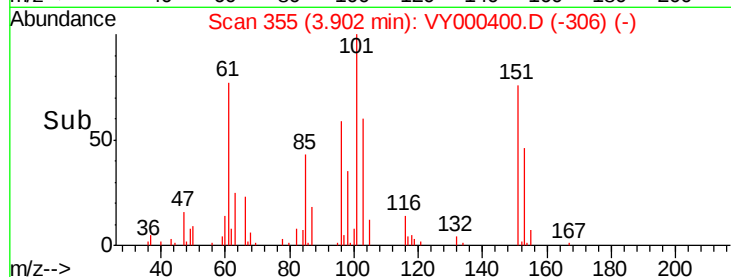
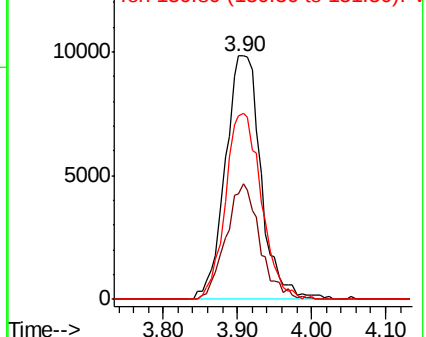
151 76.5 63.1 94.7



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: 28.659 ug/l

RT: 4.10 min Scan# 387

Delta R.T. 0.00 min

Lab File: VY000400.D

Acq: 23 Oct 2019 22:32

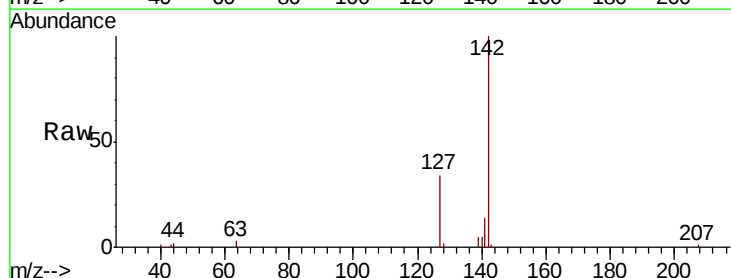
Tgt Ion:142 Resp: 28210

Ion Ratio Lower Upper

142 100

127 40.3 33.9 50.9

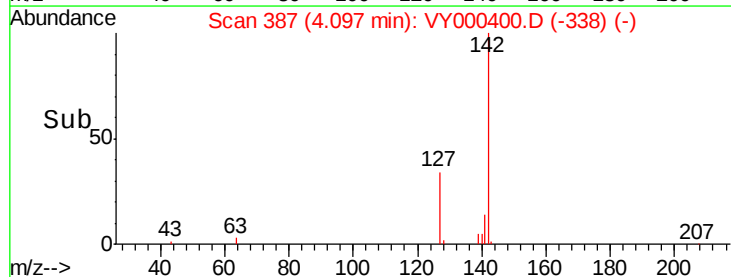
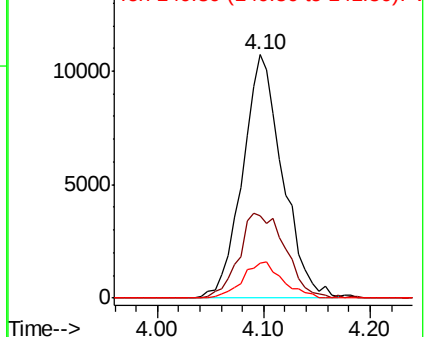
141 14.8 11.2 16.8

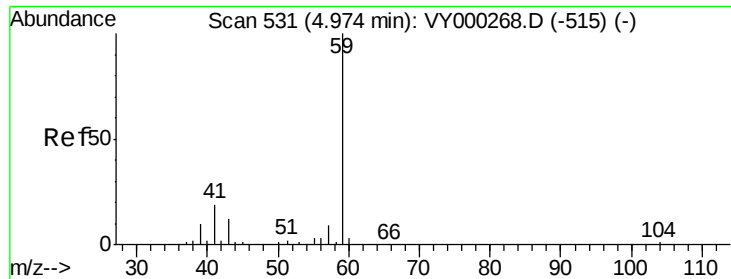


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



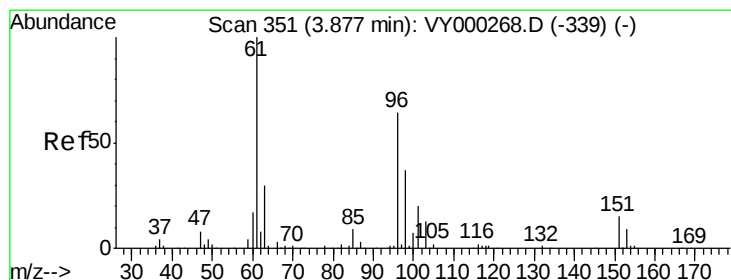
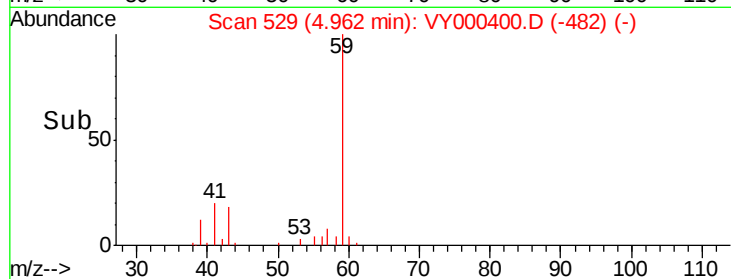
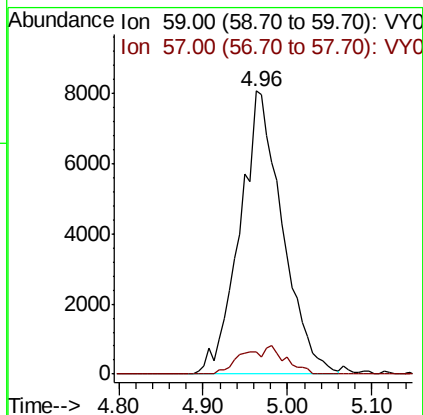
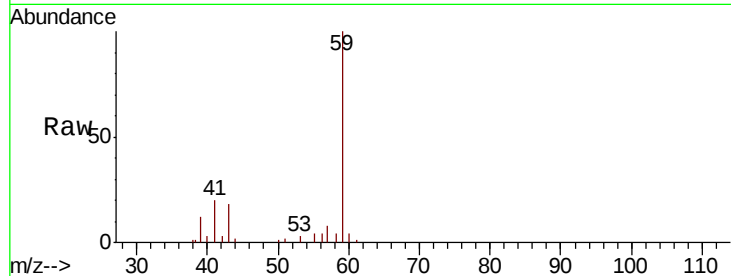


#11

Tert butyl alcohol
 Concen: 366.328 ug/l
 RT: 4.96 min Scan# 529
 Delta R.T. -0.01 min
 Lab File: VY000400.D
 Acq: 23 Oct 2019 22:32

Instrument :
 MSVOA_Y
 ClientSampleId :

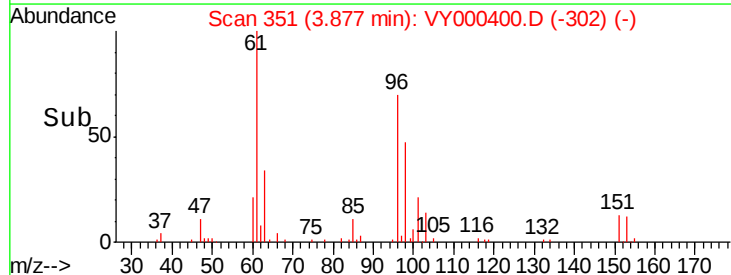
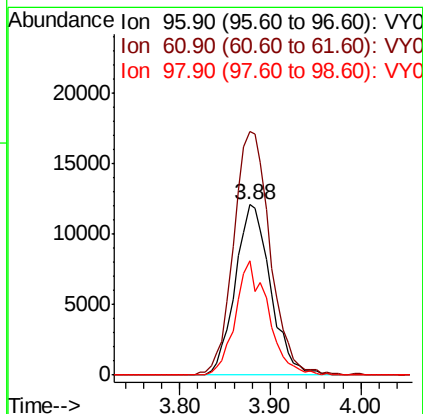
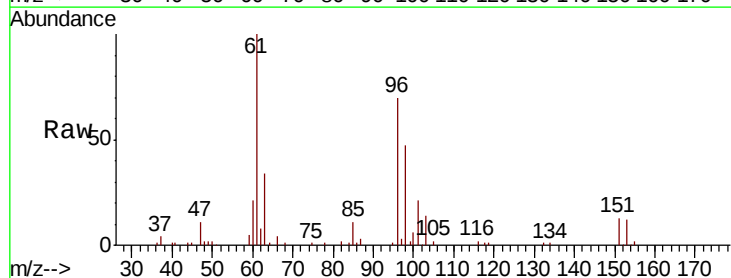
Tot Ion: 59 Resp: 27820
 Ion Ratio Lower Upper
 59 100
 57 5.0 8.2 12.2#

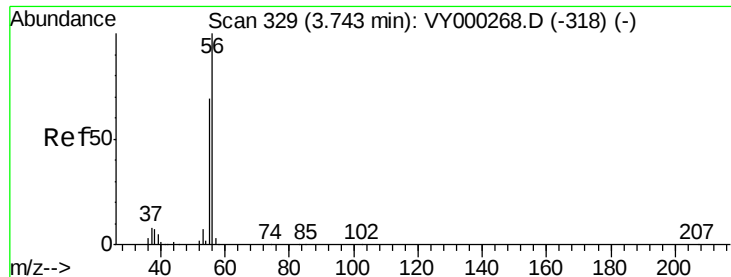


#12

1,1-Dichloroethene
 Concen: 47.203 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. 0.00 min
 Lab File: VY000400.D
 Acq: 23 Oct 2019 22:32

Tgt Ion: 96 Resp: 32797
 Ion Ratio Lower Upper
 96 100
 61 143.1 125.8 188.6
 98 67.3 46.2 69.2





#13

Acrolein

Concen: 267.130 ug/l

RT: 3.74 min Scan# 329

Delta R.T. 0.00 min

Lab File: VY000400.D

Acq: 23 Oct 2019 22:32

Instrument :

MSVOA_Y

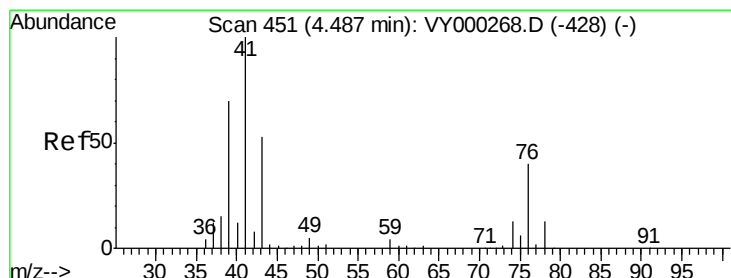
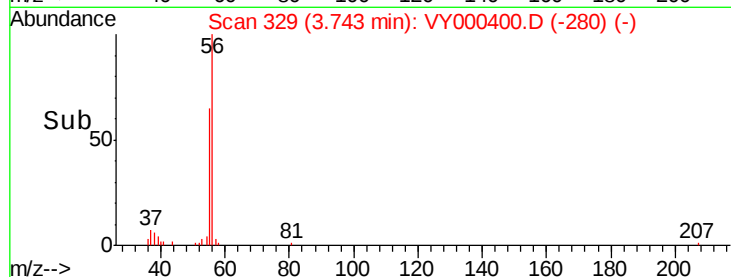
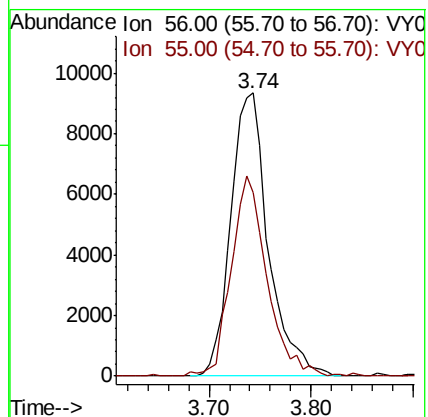
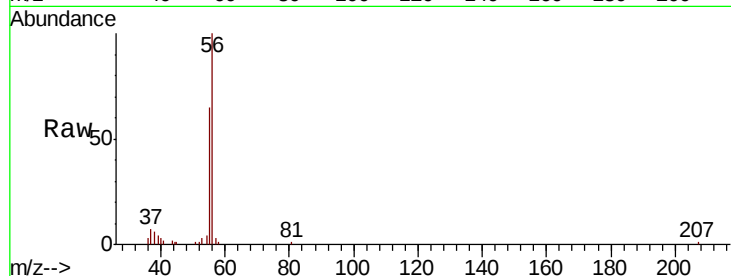
ClientSampled :

Tot Ion: 56 Resp: 23784

Ion Ratio Lower Upper

56 100

55 67.3 55.7 83.5



#14

Allyl chloride

Concen: 47.318 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.00 min

Lab File: VY000400.D

Acq: 23 Oct 2019 22:32

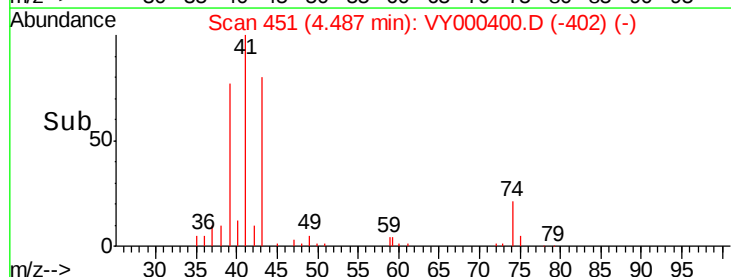
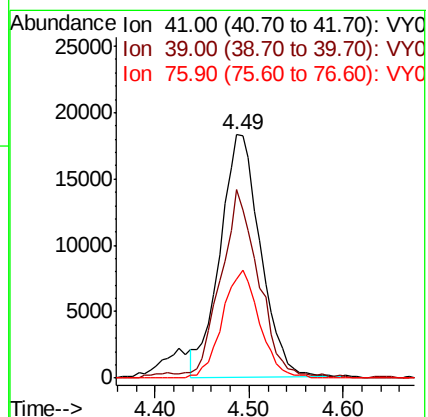
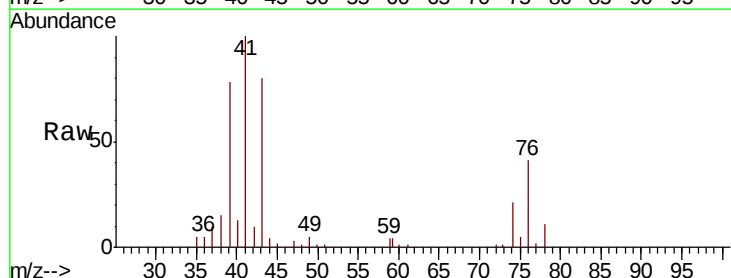
Tgt Ion: 41 Resp: 54483

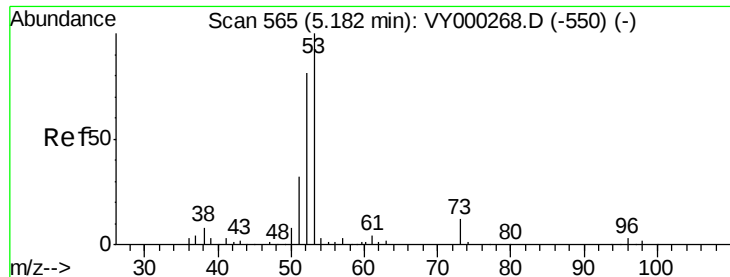
Ion Ratio Lower Upper

41 100

39 74.6 54.0 81.0

76 41.0 30.7 46.1





#15

Acrylonitrile

Concen: 375.645 ug/l

RT: 5.18 min Scan# 565

Delta R.T. 0.00 min

Lab File: VY000400.D

Acq: 23 Oct 2019 22:32

Instrument :
MSVOA_Y
ClientSampled :

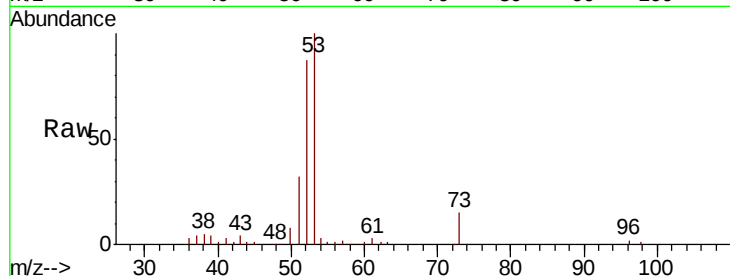
Tot Ion: 53 Resp: 86200

Ion Ratio Lower Upper

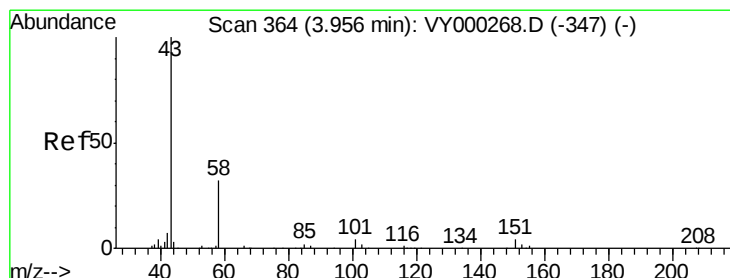
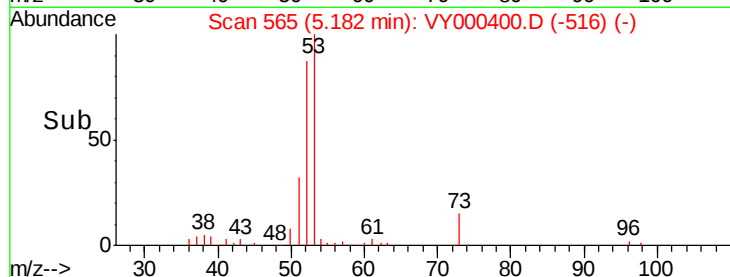
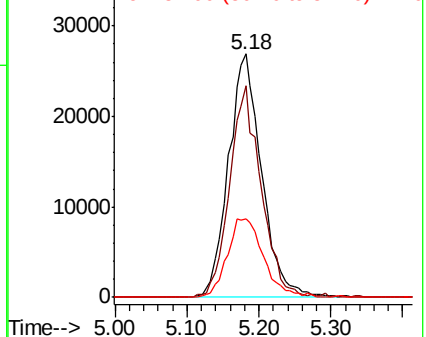
53 100

52 82.3 62.9 94.3

51 35.0 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: 327.060 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.00 min

Lab File: VY000400.D

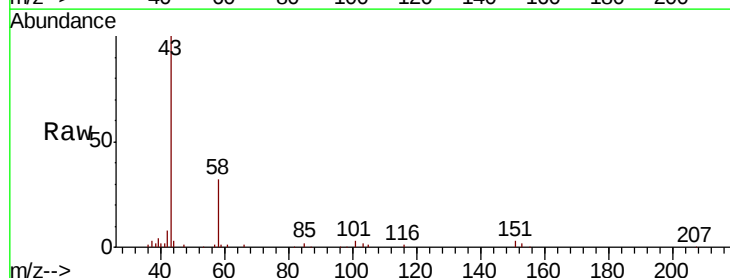
Acq: 23 Oct 2019 22:32

Tgt Ion: 43 Resp: 76861

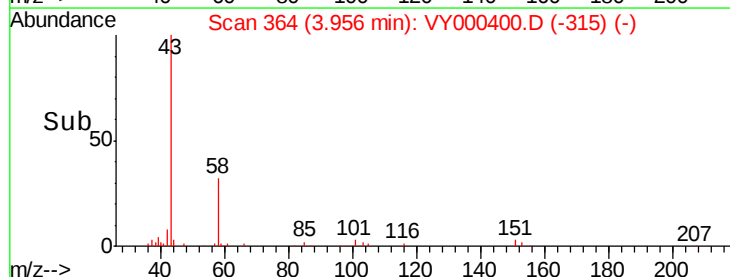
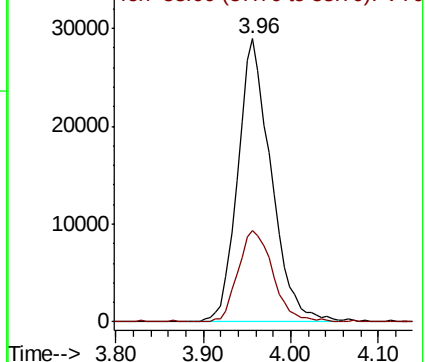
Ion Ratio Lower Upper

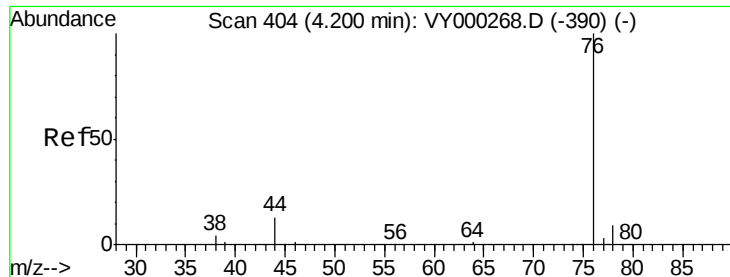
43 100

58 32.2 25.8 38.6



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

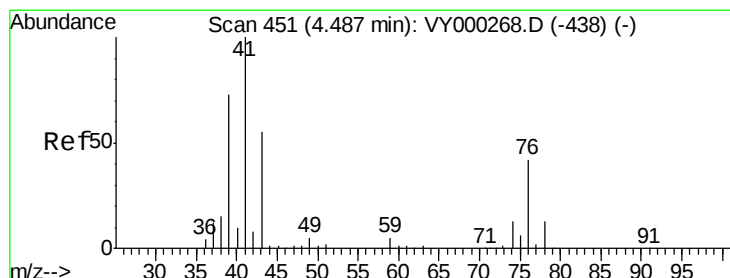
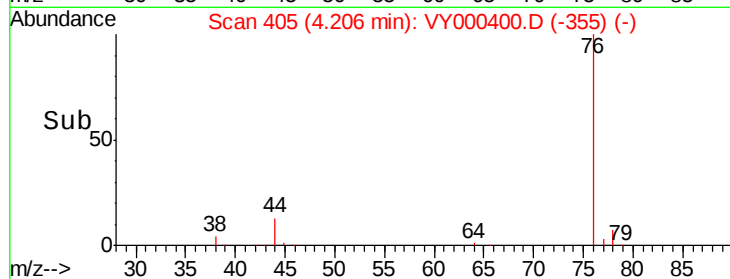
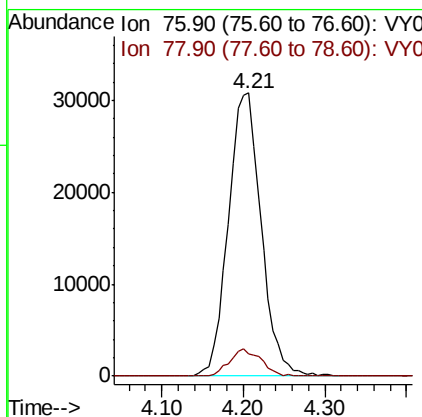
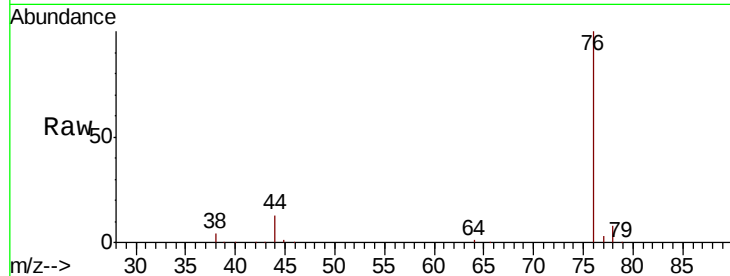




#17
Carbon Disulfide
Concen: 39.055 ug/l
RT: 4.21 min Scan# 405
Delta R.T. 0.01 min
Lab File: VY000400.D
Acq: 23 Oct 2019 22:32

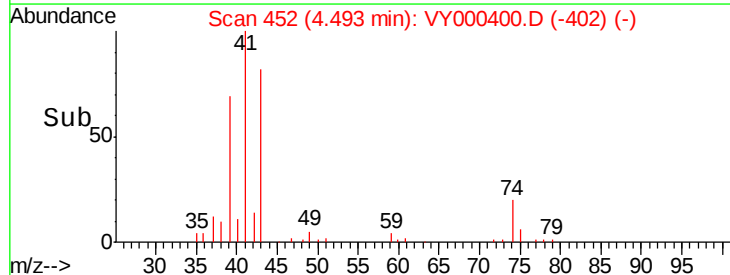
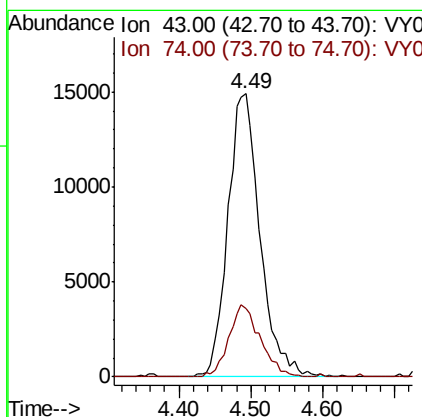
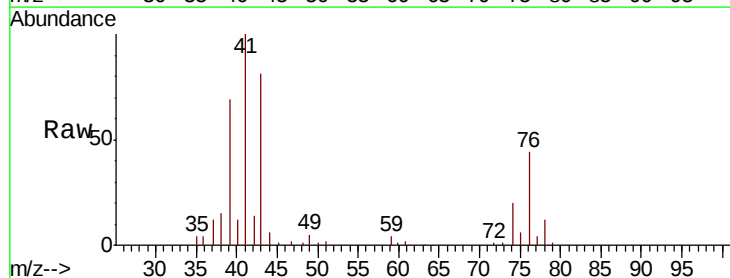
Instrument :
MSVOA_Y
ClientSampleId :

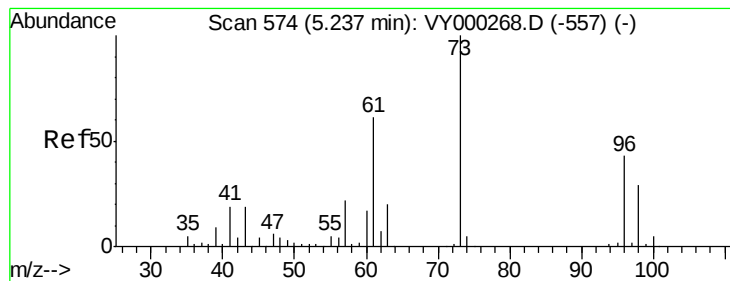
Tot Ion: 76 Resp: 85437
Ion Ratio Lower Upper
76 100
78 8.0 7.0 10.4



#18
Methyl Acetate
Concen: 79.183 ug/l
RT: 4.49 min Scan# 452
Delta R.T. 0.01 min
Lab File: VY000400.D
Acq: 23 Oct 2019 22:32

Tgt Ion: 43 Resp: 46235
Ion Ratio Lower Upper
43 100
74 24.9 20.4 30.6



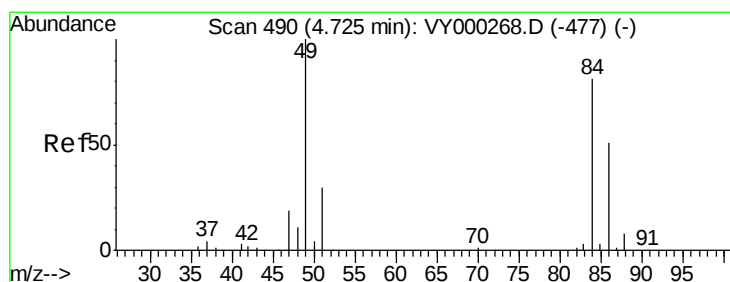
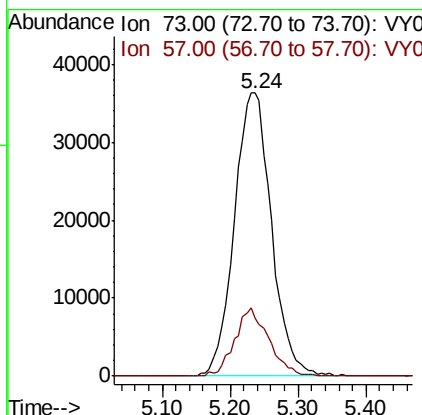
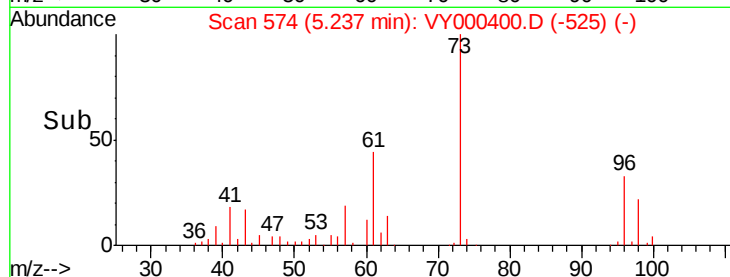
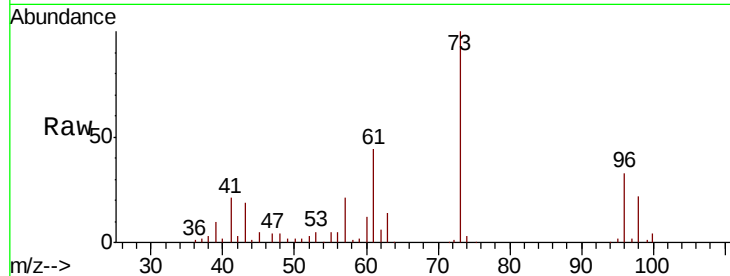


#19

Methyl tert-butyl Ether
 Concen: 71.233 ug/l
 RT: 5.24 min Scan# 574
 Delta R.T. 0.00 min
 Lab File: VY000400.D
 Acq: 23 Oct 2019 22:32

Instrument :
 MSVOA_Y
 ClientSampleId :

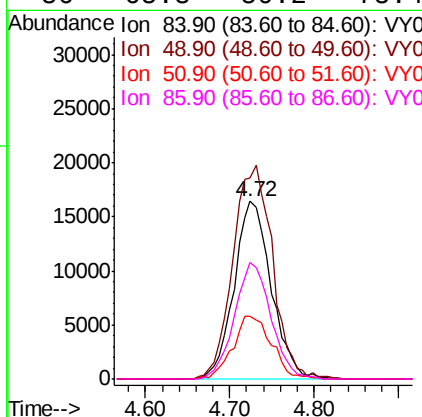
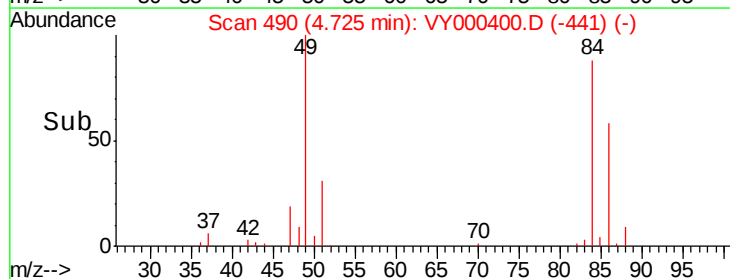
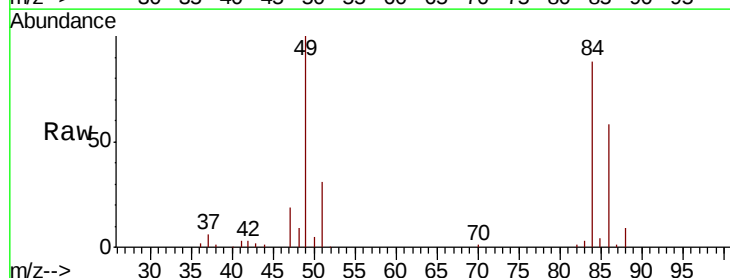
Tot Ion: 73 Resp: 137780
 Ion Ratio Lower Upper
 73 100
 57 20.5 17.4 26.0



#20

Methylene Chloride
 Concen: 63.480 ug/l
 RT: 4.72 min Scan# 490
 Delta R.T. 0.00 min
 Lab File: VY000400.D
 Acq: 23 Oct 2019 22:32

Tgt Ion: 84 Resp: 49104
 Ion Ratio Lower Upper
 84 100
 49 113.4 99.0 148.4
 51 35.5 29.3 43.9
 86 65.8 50.2 75.4





#21

trans-1,2-Dichloroethene

Concen: 49.022 ug/l

RT: 5.23 min Scan# 573

Delta R.T. 0.01 min

Lab File: VY000400.D

Acq: 23 Oct 2019 22:32

Instrument :
MSVOA_Y
ClientSampled :

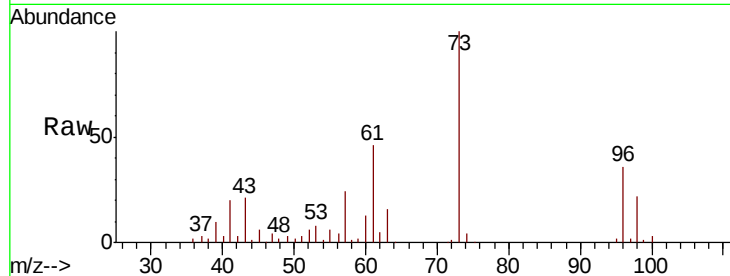
Tot Ion: 96 Resp: 39078

Ion Ratio Lower Upper

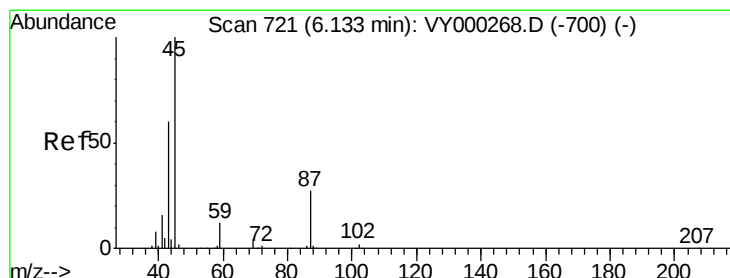
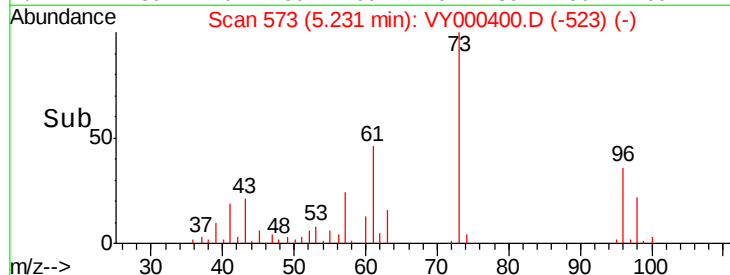
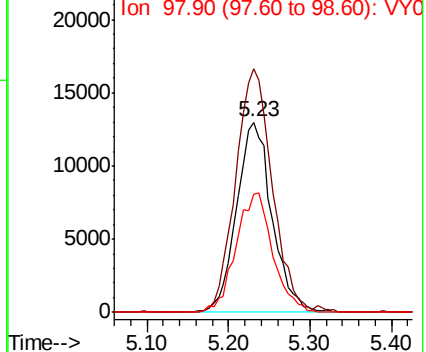
96 100

61 127.9 100.4 150.6

98 62.2 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: 64.370 ug/l

RT: 6.14 min Scan# 722

Delta R.T. 0.01 min

Lab File: VY000400.D

Acq: 23 Oct 2019 22:32

Tgt Ion: 45 Resp: 156760

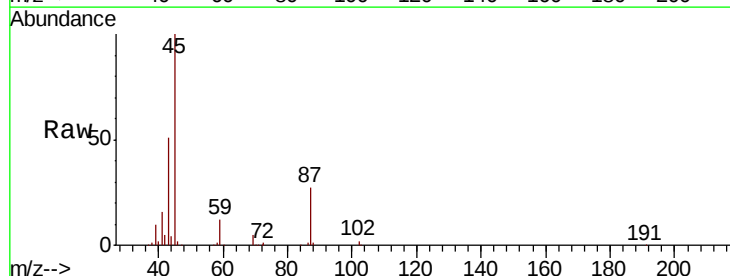
Ion Ratio Lower Upper

45 100

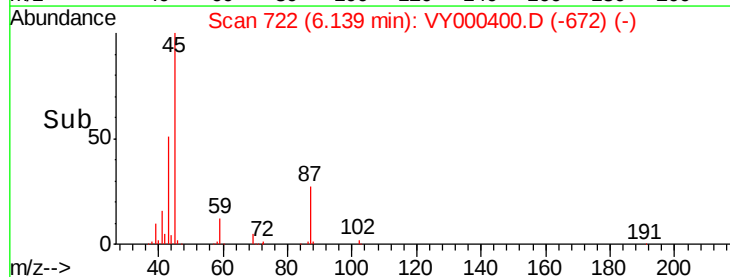
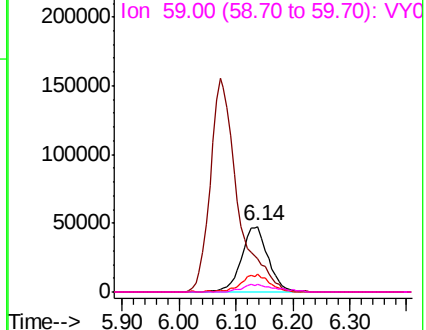
43 50.1 48.5 72.7

87 27.1 21.5 32.3

59 11.6 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: 325.204 ug/l

RT: 6.07 min Scan# 711

Delta R.T. -0.01 min

Lab File: VY000400.D

Acq: 23 Oct 2019 22:32

Instrument :

MSVOA_Y

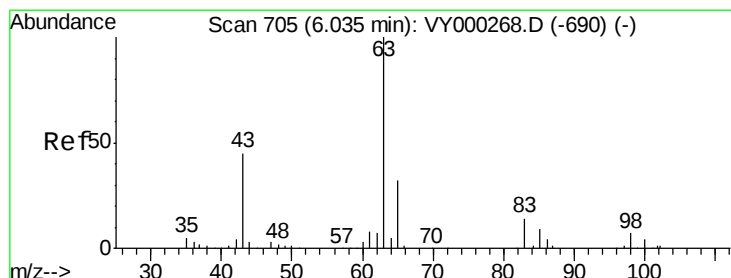
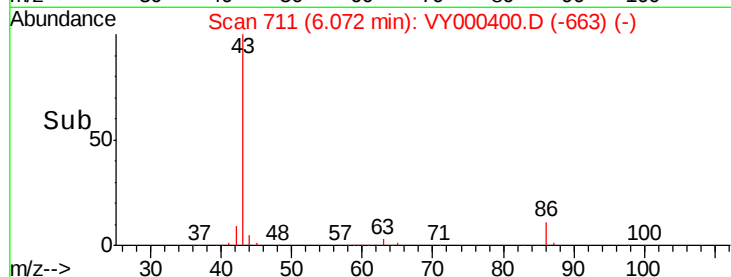
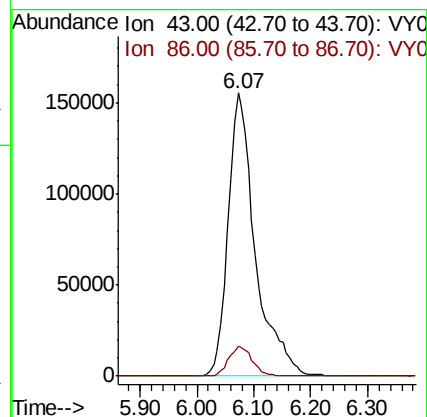
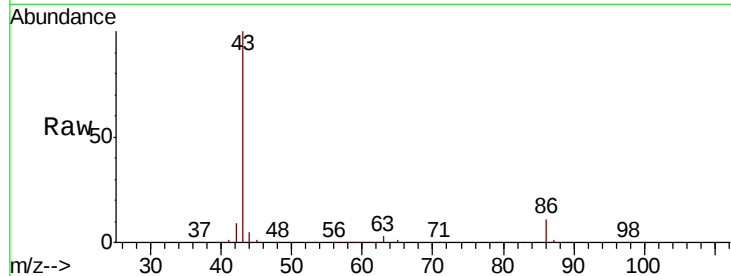
ClientSampleId :

Tot Ion: 43 Resp: 516670

Ion Ratio Lower Upper

43 100

86 10.6 8.6 13.0



#24

1,1-Dichloroethane

Concen: 56.763 ug/l

RT: 6.04 min Scan# 705

Delta R.T. 0.00 min

Lab File: VY000400.D

Acq: 23 Oct 2019 22:32

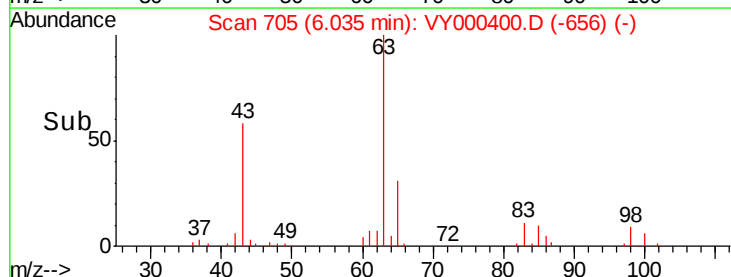
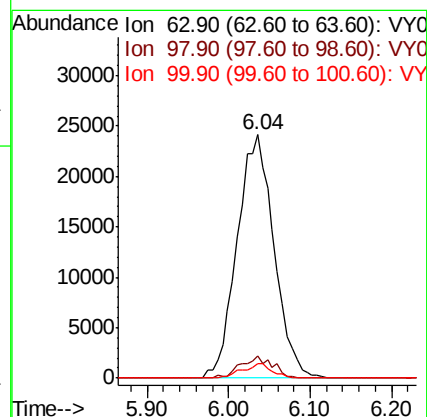
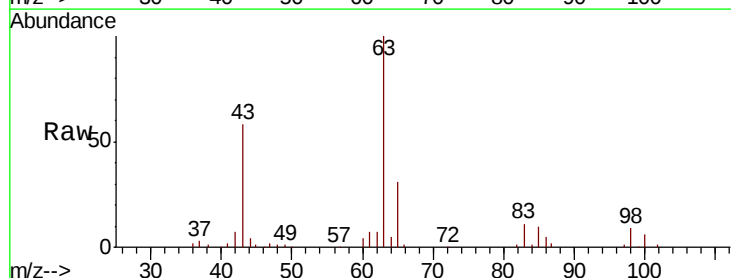
Tgt Ion: 63 Resp: 75454

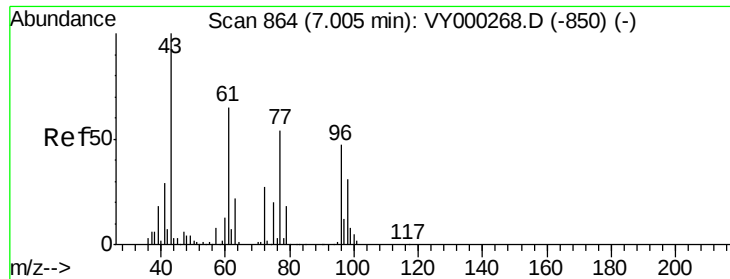
Ion Ratio Lower Upper

63 100

98 9.3 3.5 10.4

100 6.2 2.1 6.2#





#25

2-Butanone

Concen: 351.441 ug/l

RT: 7.00 min Scan# 863

Delta R.T. -0.01 min

Lab File: VY000400.D

Acq: 23 Oct 2019 22:32

Instrument :

MSVOA_Y

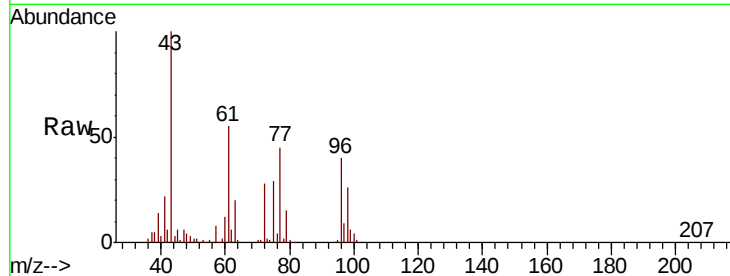
ClientSampled :

Tot Ion: 43 Resp: 116344

Ion Ratio Lower Upper

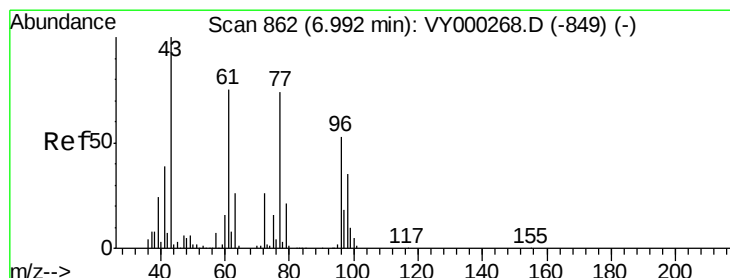
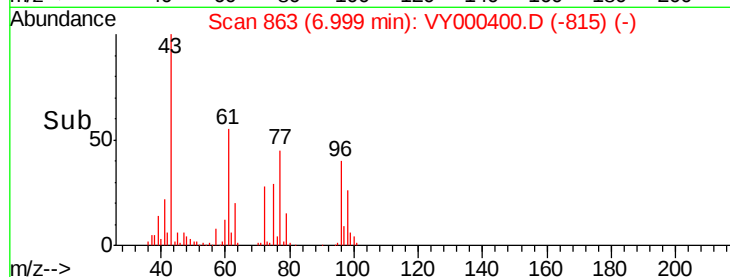
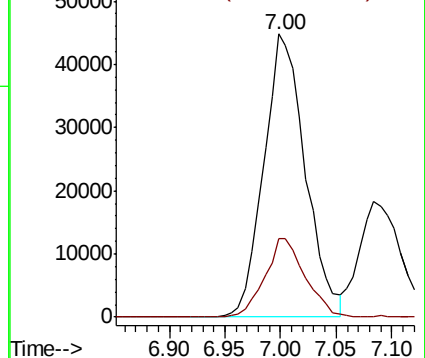
43 100

72 27.6 21.4 32.2



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0



#26

2,2-Dichloropropane

Concen: 46.791 ug/l

RT: 7.00 min Scan# 863

Delta R.T. 0.01 min

Lab File: VY000400.D

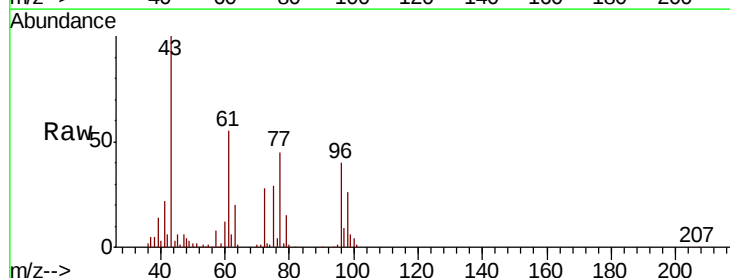
Acq: 23 Oct 2019 22:32

Tgt Ion: 77 Resp: 57313

Ion Ratio Lower Upper

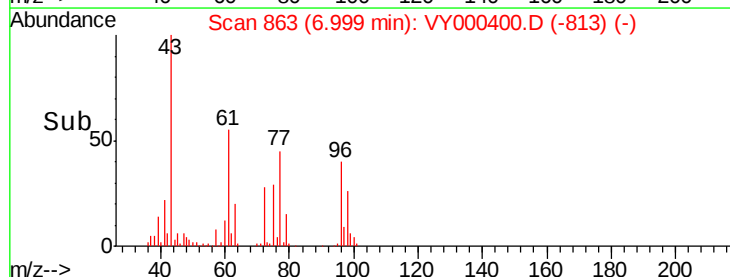
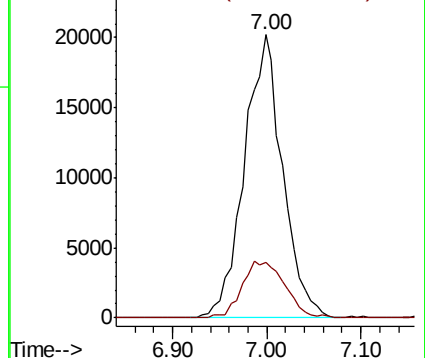
77 100

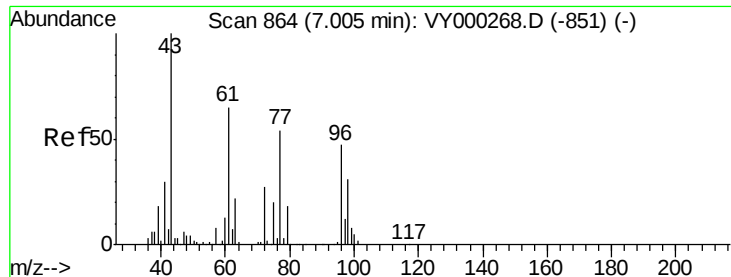
97 22.2 11.6 34.7



Abundance Ion 76.90 (76.60 to 77.60): VY0

Ion 96.90 (96.60 to 97.60): VY0



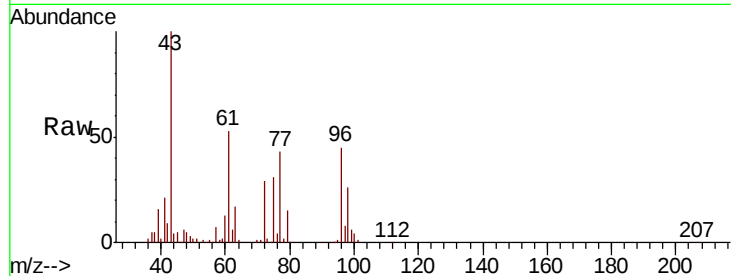


#27

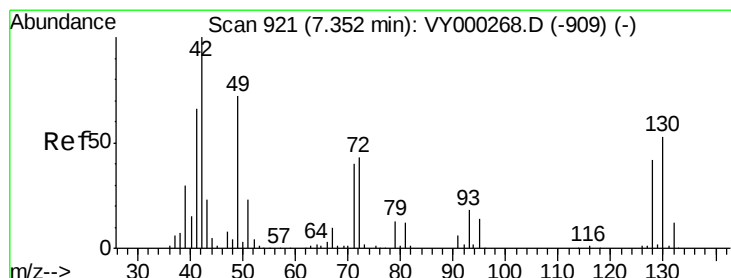
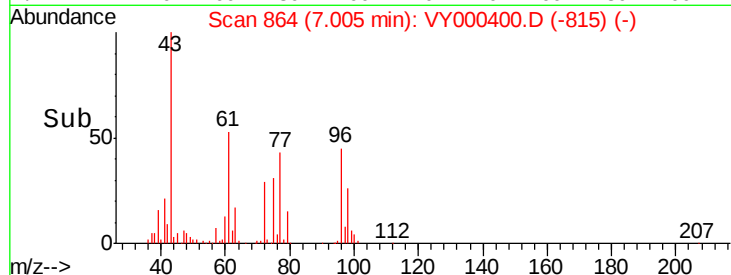
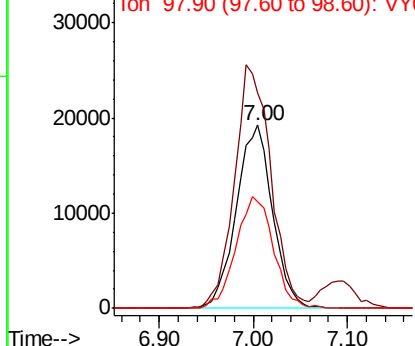
cis-1,2-Dichloroethene
Concen: 60.040 ug/l
RT: 7.00 min Scan# 864
Delta R.T. 0.00 min
Lab File: VY000400.D
Acq: 23 Oct 2019 22:32

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 96 Resp: 51790
Ion Ratio Lower Upper
96 100
61 133.7 0.0 289.8
98 63.1 0.0 131.8



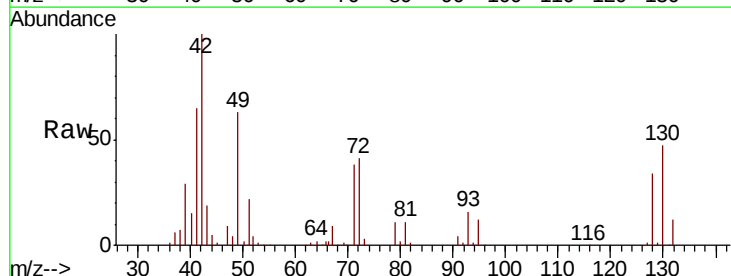
Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



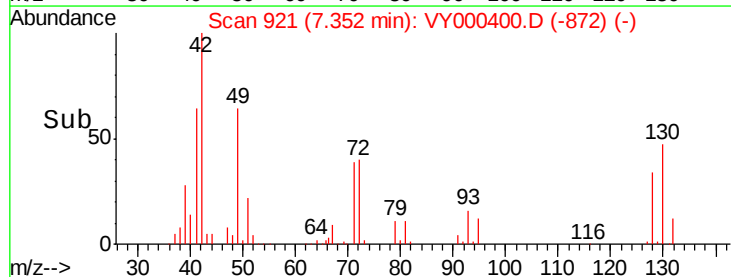
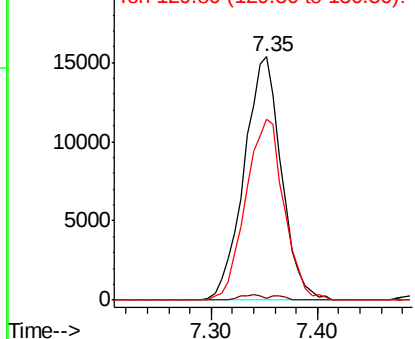
#28

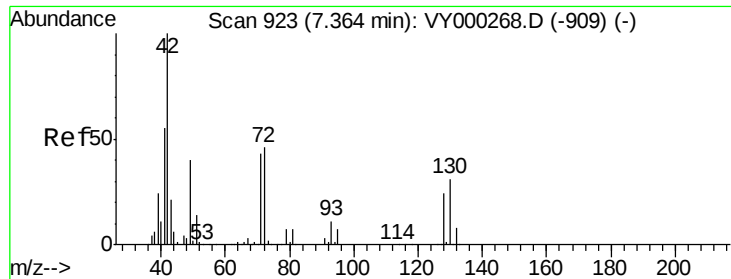
Bromochloromethane
Concen: 66.164 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.00 min
Lab File: VY000400.D
Acq: 23 Oct 2019 22:32

Tgt Ion: 49 Resp: 37756
Ion Ratio Lower Upper
49 100
129 1.3 0.0 4.0
130 76.0 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

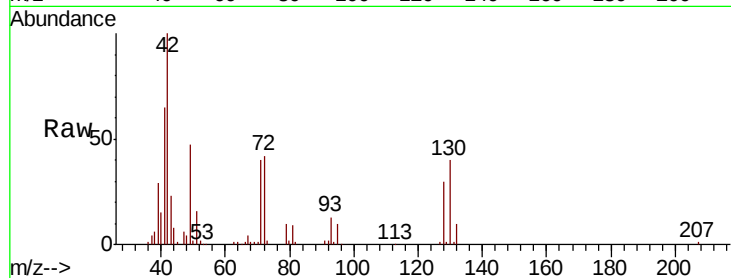




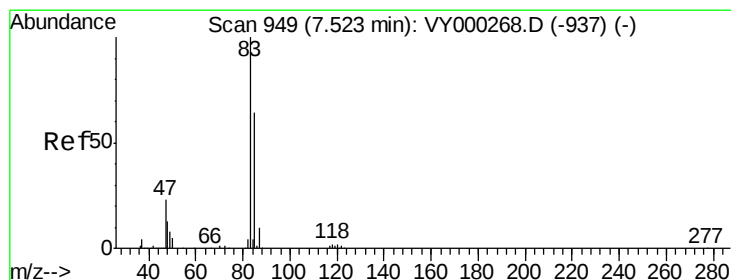
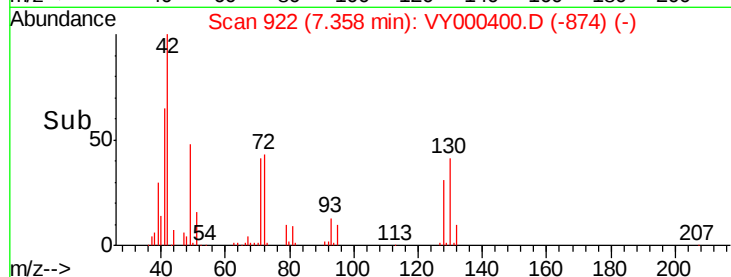
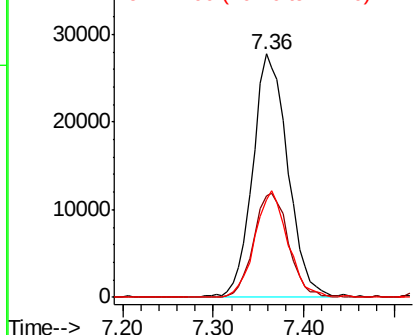
#29
Tetrahydrofuran
Concen: 371.359 ug/l
RT: 7.36 min Scan# 922
Delta R.T. -0.01 min
Lab File: VY000400.D
Acq: 23 Oct 2019 22:32

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 42 Resp: 74505
Ion Ratio Lower Upper
42 100
72 42.4 34.5 51.7
71 41.3 32.7 49.1

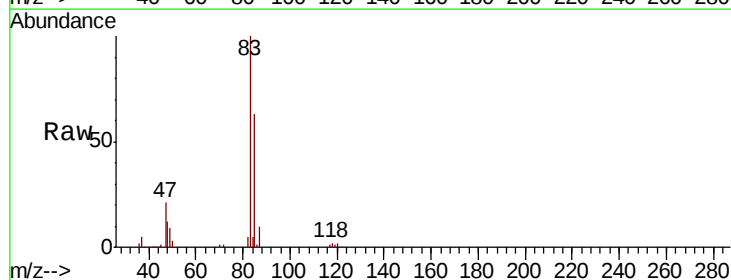


Abundance Ion 42.00 (41.70 to 42.70): VY0
Ion 72.00 (71.70 to 72.70): VY0
Ion 71.00 (70.70 to 71.70): VY0

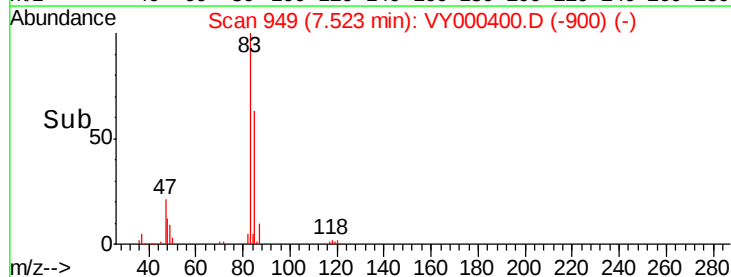
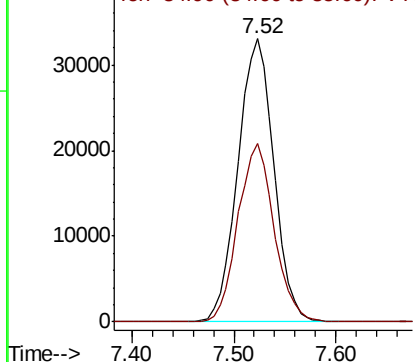


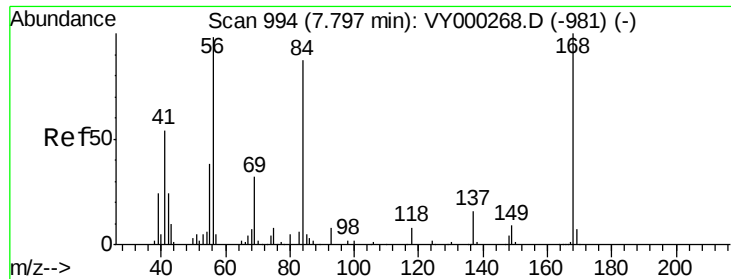
#30
Chloroform
Concen: 60.405 ug/l
RT: 7.52 min Scan# 949
Delta R.T. 0.00 min
Lab File: VY000400.D
Acq: 23 Oct 2019 22:32

Tgt Ion: 83 Resp: 80863
Ion Ratio Lower Upper
83 100
85 62.8 51.4 77.2



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

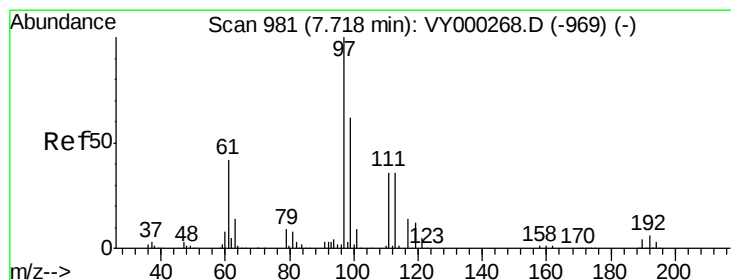
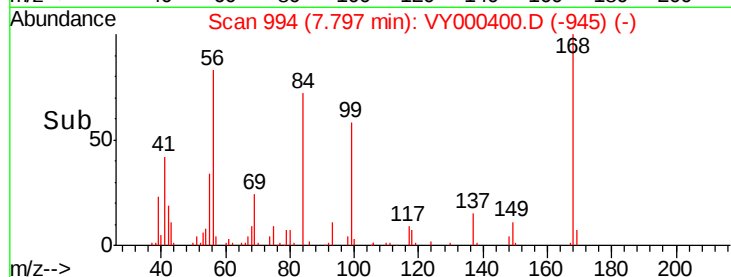
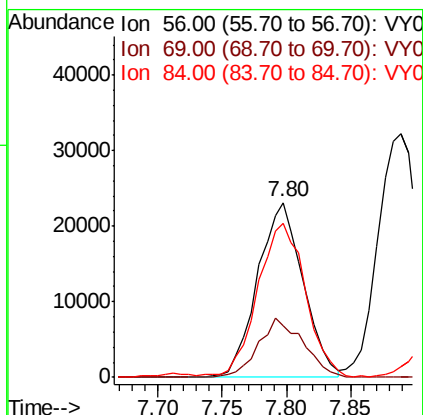
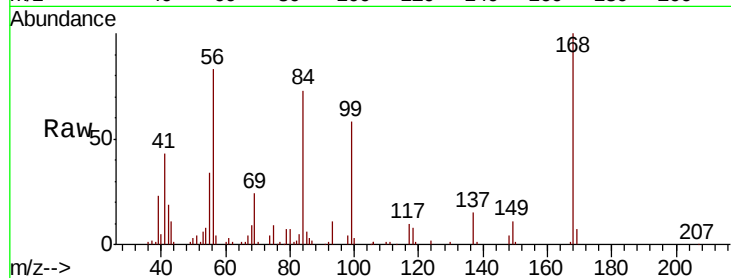




#31
Cyclohexane
Concen: 40.755 ug/l
RT: 7.80 min Scan# 994
Delta R.T. 0.00 min
Lab File: VY000400.D
Acq: 23 Oct 2019 22:32

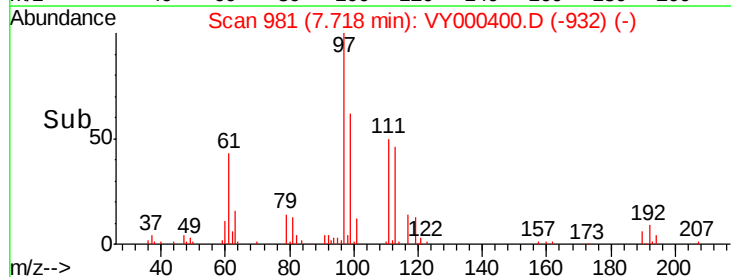
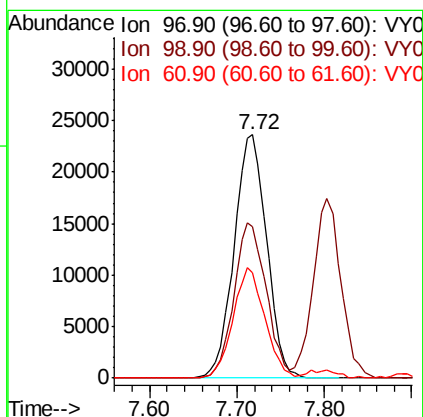
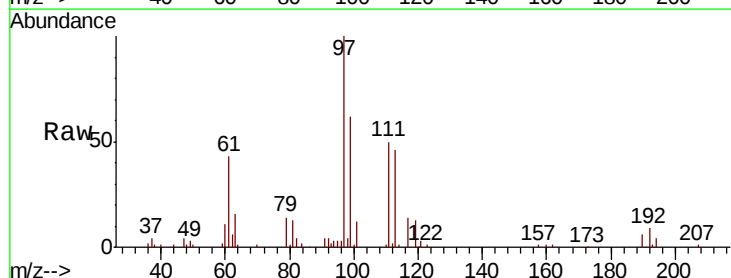
Instrument :
MSVOA_Y
ClientSampled :

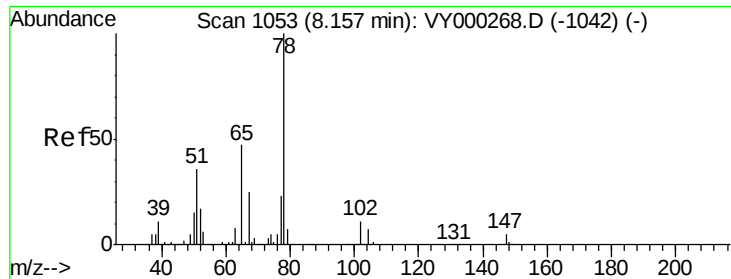
Tot Ion: 56 Resp: 56582
Ion Ratio Lower Upper
56 100
69 29.3 26.3 39.5
84 85.8 70.8 106.2



#32
1,1,1-Trichloroethane
Concen: 51.341 ug/l
RT: 7.72 min Scan# 981
Delta R.T. 0.00 min
Lab File: VY000400.D
Acq: 23 Oct 2019 22:32

Tgt Ion: 97 Resp: 61103
Ion Ratio Lower Upper
97 100
99 63.2 51.7 77.5
61 44.4 34.5 51.7

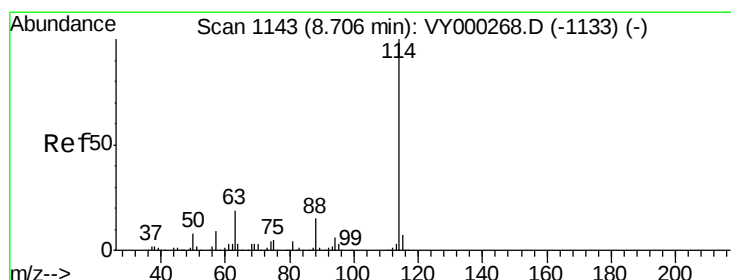
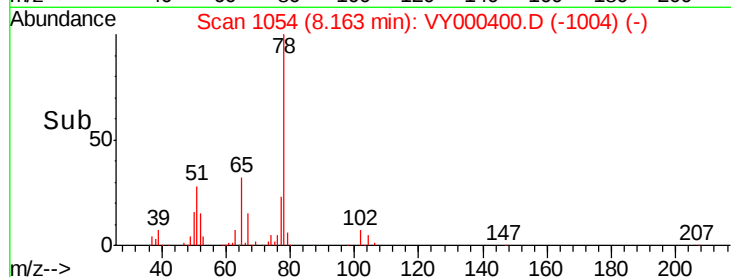
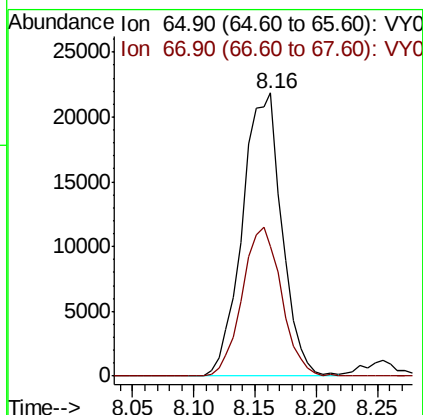
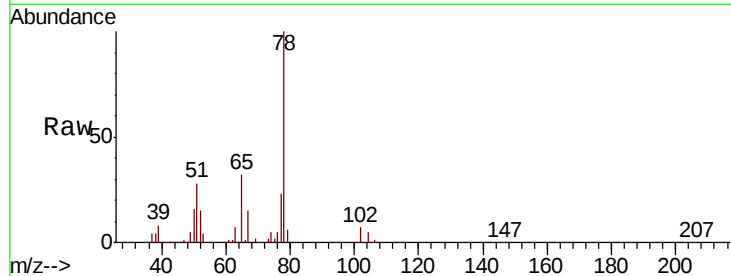




#33
 1,2-Dichloroethane-d4
 Concen: 67.903 ug/l
 RT: 8.16 min Scan# 1054
 Delta R.T. 0.01 min
 Lab File: VY000400.D
 Acq: 23 Oct 2019 22:32

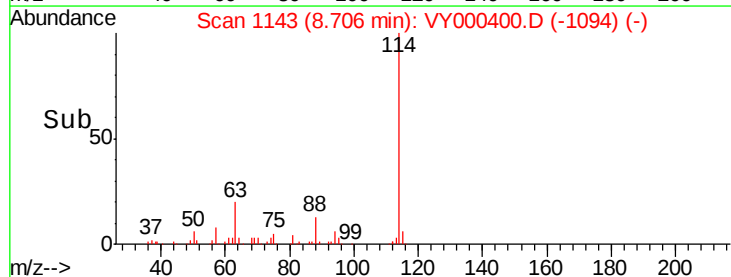
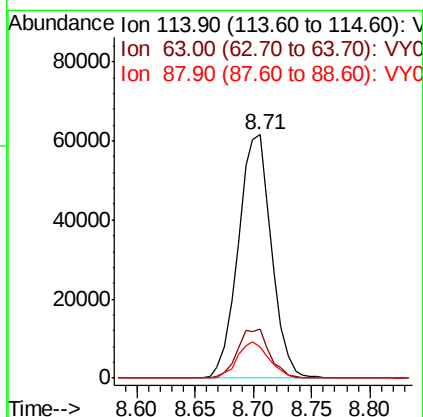
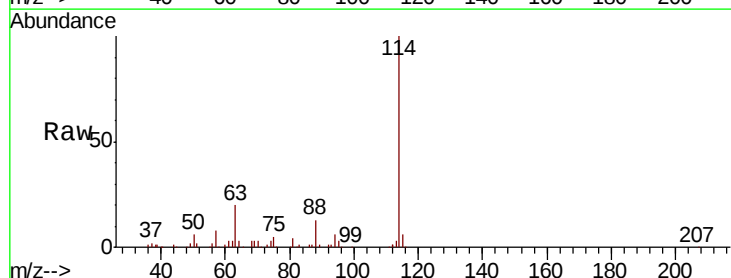
Instrument :
 MSVOA_Y
 ClientSampleId :

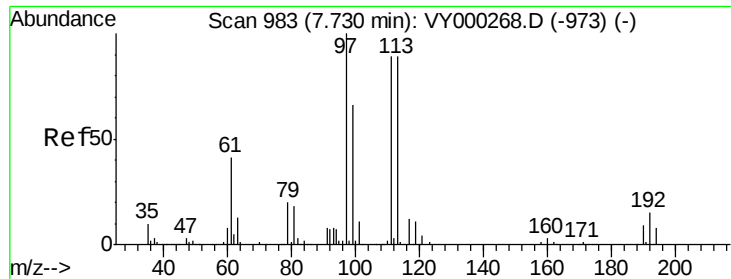
Tot Ion: 65 Resp: 49276
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1143
 Delta R.T. 0.00 min
 Lab File: VY000400.D
 Acq: 23 Oct 2019 22:32

Tgt Ion: 114 Resp: 122330
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 37.2
 88 12.8 0.0 30.2

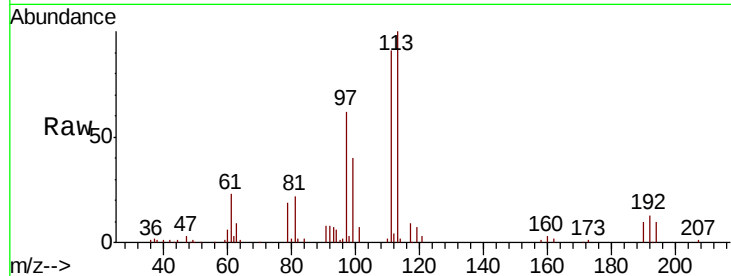




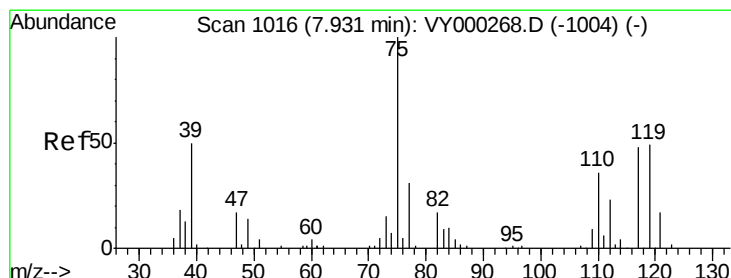
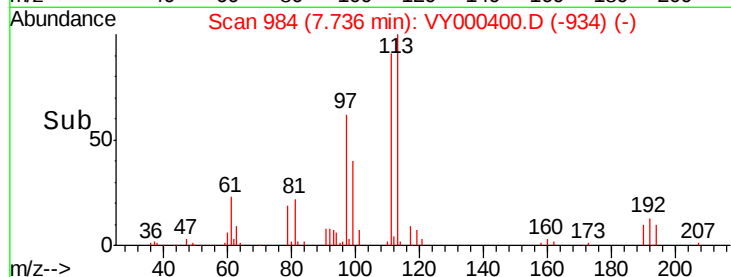
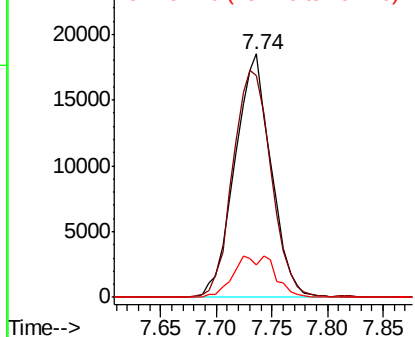
#35
 Dibromofluoromethane
 Concen: 56.551 ug/l
 RT: 7.74 min Scan# 984
 Delta R.T. 0.01 min
 Lab File: VY000400.D
 Acq: 23 Oct 2019 22:32

Instrument :
 MSVOA_Y
 ClientSampled :

Tot Ion: 113 Resp: 41729
 Ion Ratio Lower Upper
 113 100
 111 99.0 81.6 122.4
 192 19.4 15.3 22.9

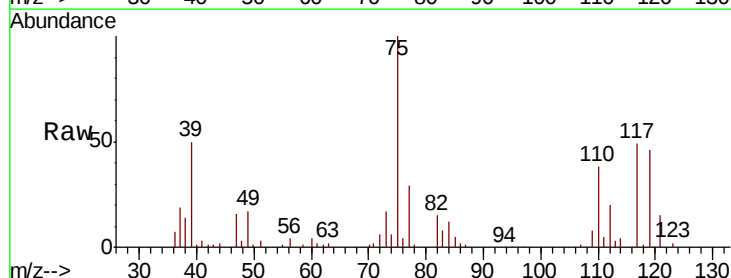


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

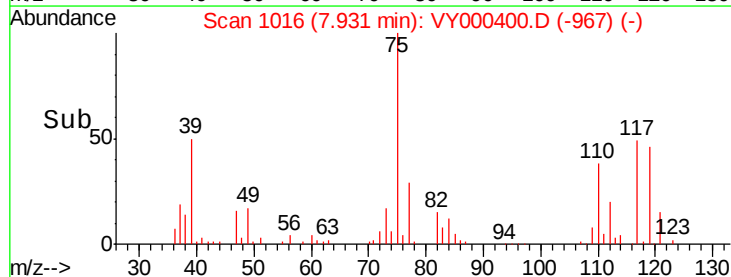
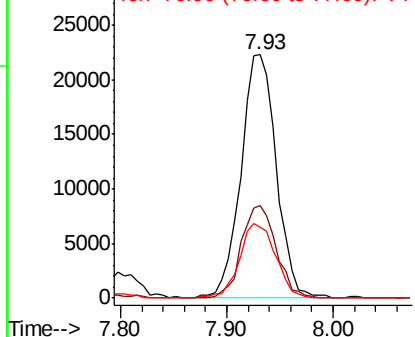


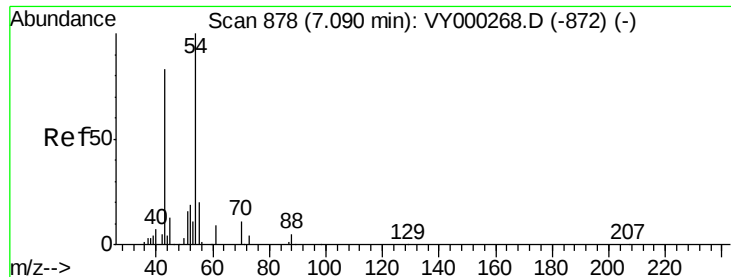
#36
 1,1-Dichloropropene
 Concen: 43.480 ug/l
 RT: 7.93 min Scan# 1016
 Delta R.T. 0.00 min
 Lab File: VY000400.D
 Acq: 23 Oct 2019 22:32

Tgt Ion: 75 Resp: 52075
 Ion Ratio Lower Upper
 75 100
 110 37.3 18.4 55.4
 77 31.3 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

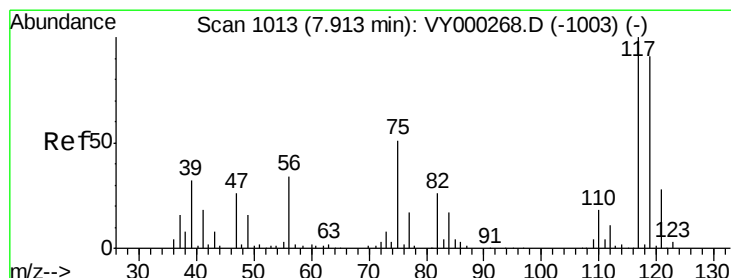
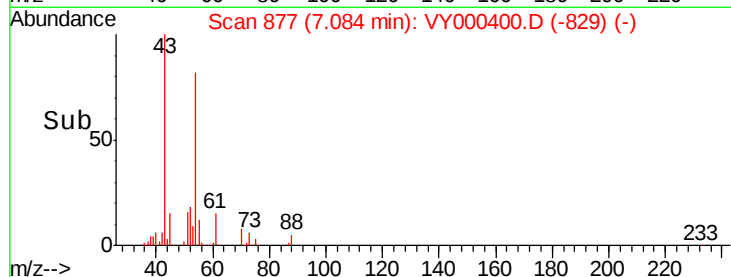
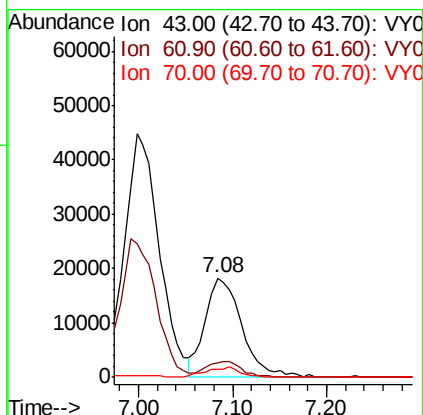
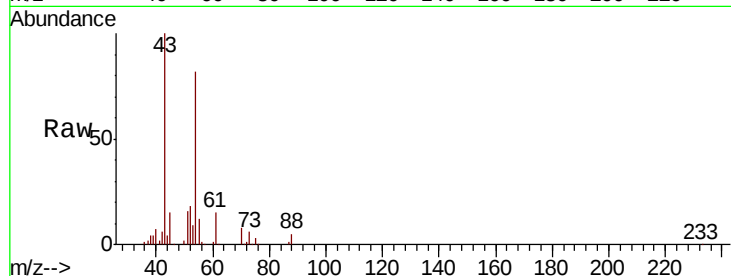




#37
Ethyl Acetate
Concen: 69.647 ug/l
RT: 7.08 min Scan# 877
Delta R.T. -0.01 min
Lab File: VY000400.D
Acq: 23 Oct 2019 22:32

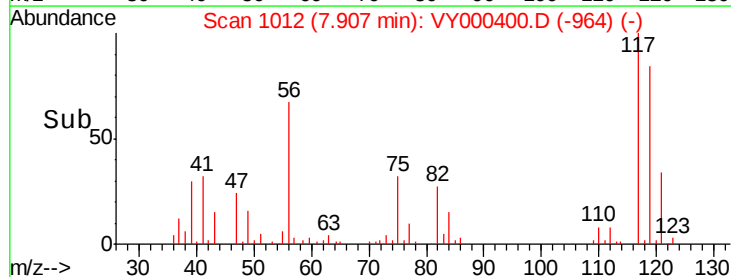
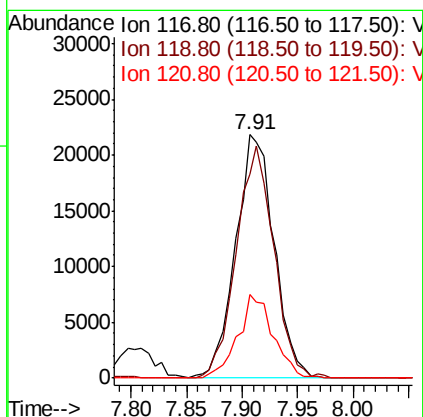
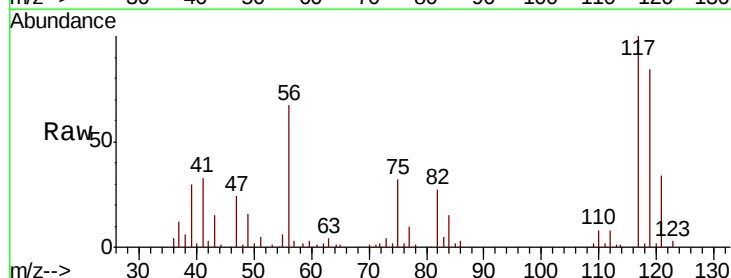
Instrument :
MSVOA_Y
ClientSampled :

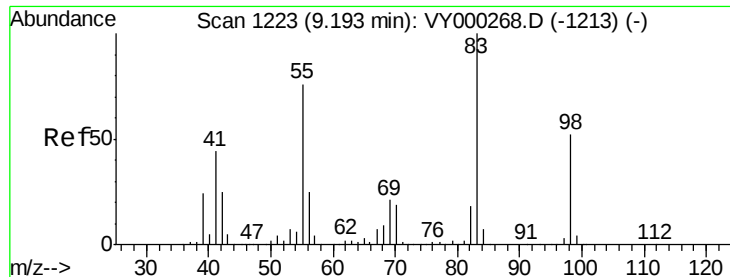
Tot Ion: 43 Resp: 49392
Ion Ratio Lower Upper
43 100
61 15.2 12.1 18.1
70 9.7 8.7 13.1



#38
Carbon Tetrachloride
Concen: 45.288 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.01 min
Lab File: VY000400.D
Acq: 23 Oct 2019 22:32

Tgt Ion: 117 Resp: 52518
Ion Ratio Lower Upper
117 100
119 83.6 72.8 109.2
121 34.4 22.2 33.2#

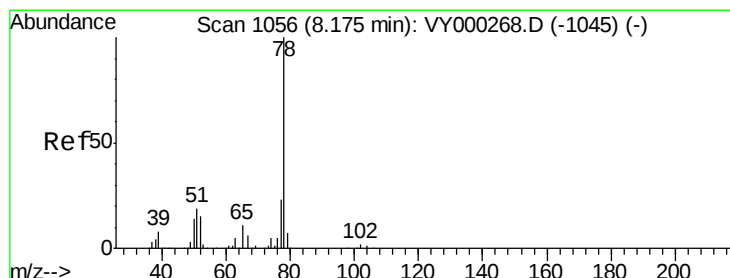
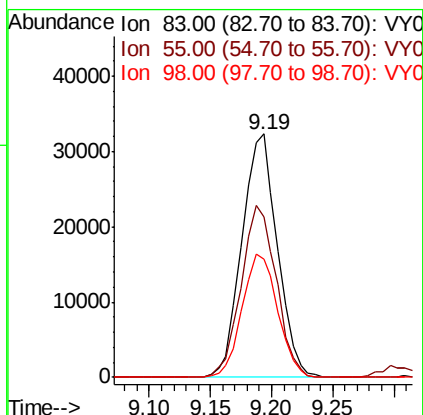
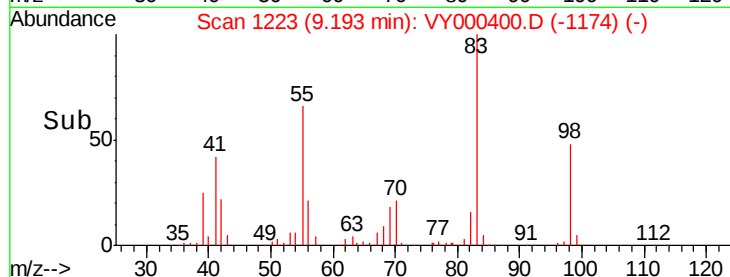
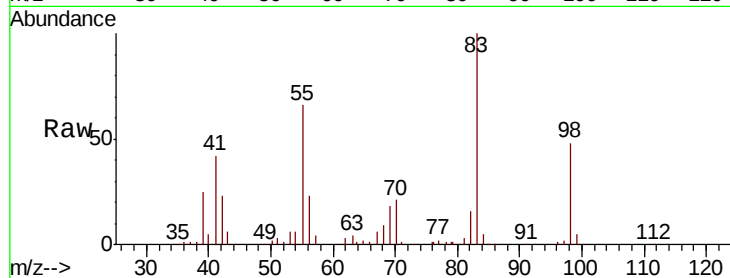




#39
Methvlcvclohexane
Concen: 41.549 ug/l
RT: 9.19 min Scan# 1223
Delta R.T. 0.00 min
Lab File: VY000400.D
Acq: 23 Oct 2019 22:32

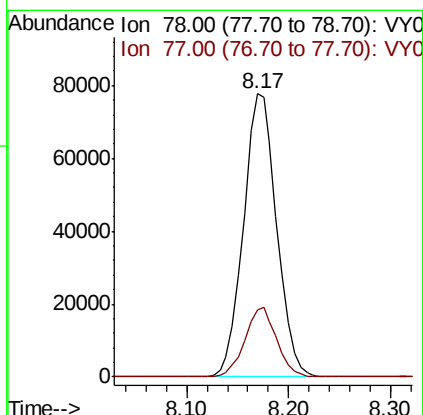
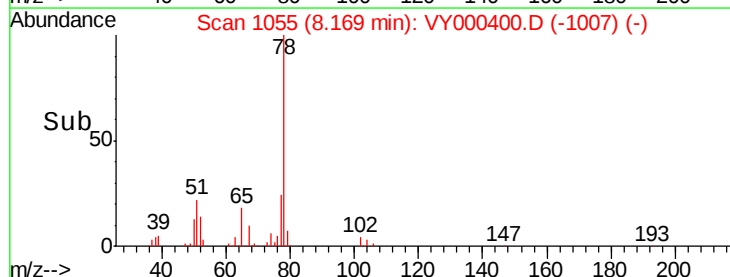
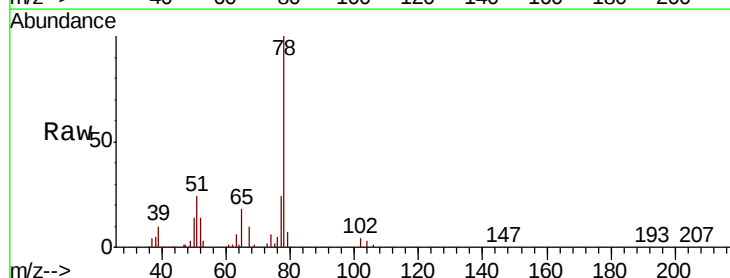
Instrument :
MSVOA_Y
ClientSampleId :

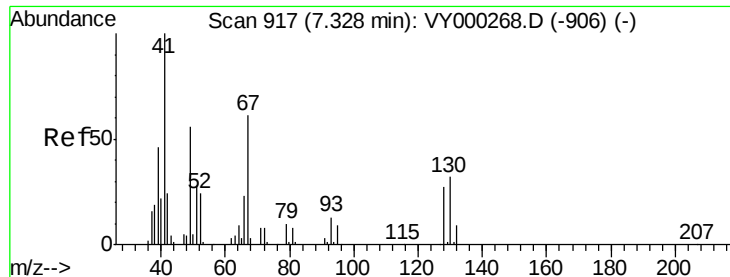
Tot Ion: 83 Resp: 65130
Ion Ratio Lower Upper
83 100
55 65.8 60.9 91.3
98 48.5 41.8 62.6



#40
Benzene
Concen: 50.721 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. -0.01 min
Lab File: VY000400.D
Acq: 23 Oct 2019 22:32

Tgt Ion: 78 Resp: 175555
Ion Ratio Lower Upper
78 100
77 23.7 18.8 28.2





#41

Methacrylonitrile

Concen: 210.106 ug/l

RT: 7.36 min Scan# 922

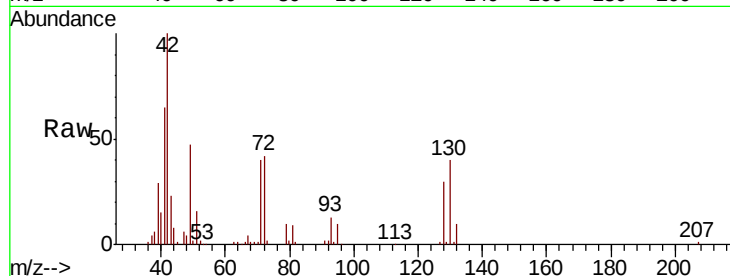
Delta R.T. 0.03 min

Lab File: VY000400.D

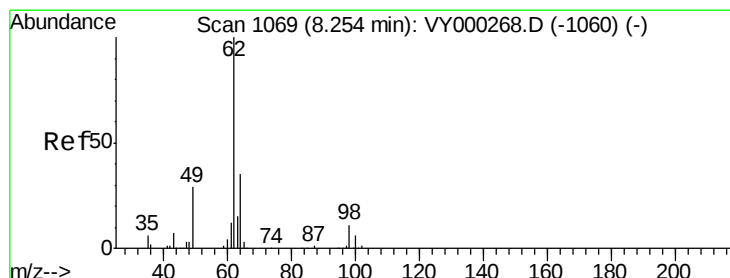
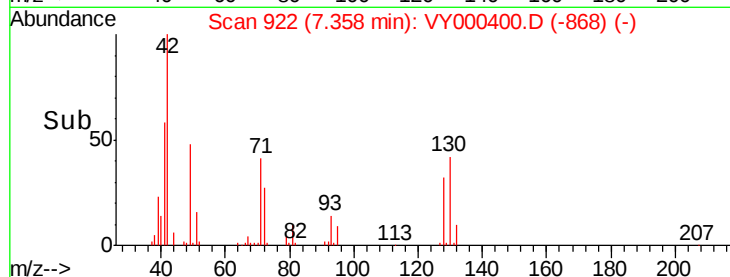
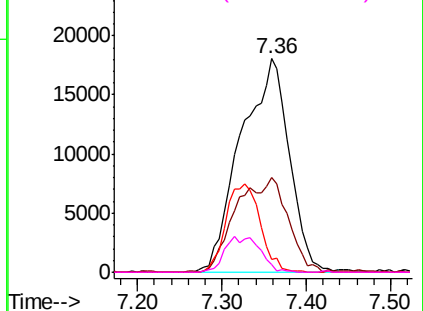
Acq: 23 Oct 2019 22:32

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:	41	Resp:	70925
Ion	Ratio	Lower	Upper
41	100		
39	0.0	110.2	165.2#
67	0.0	0.0	0.0
52	0.0	0.0	0.0



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



#42

1,2-Dichloroethane

Concen: 63.035 ug/l

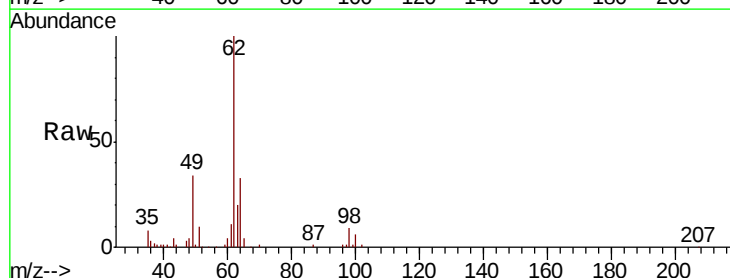
RT: 8.25 min Scan# 1068

Delta R.T. -0.01 min

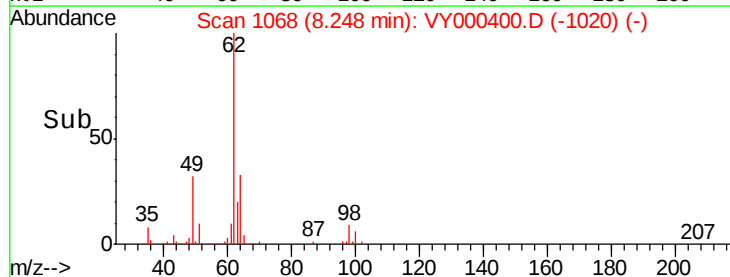
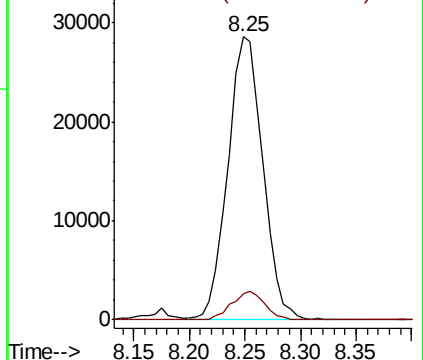
Lab File: VY000400.D

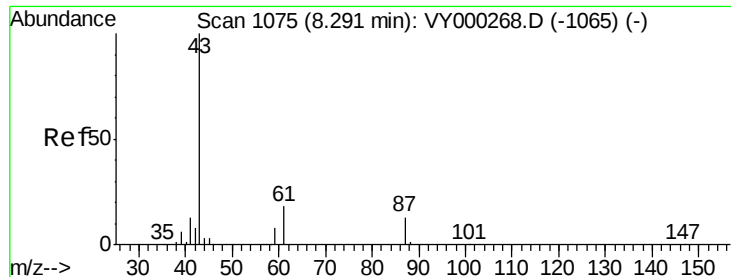
Acq: 23 Oct 2019 22:32

Tgt Ion:	62	Resp:	62322
Ion	Ratio	Lower	Upper
62	100		
98	9.6	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: 70.180 ug/l

RT: 8.28 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VY000400.D

Acq: 23 Oct 2019 22:32

Instrument :

MSVOA_Y

ClientSampleId :

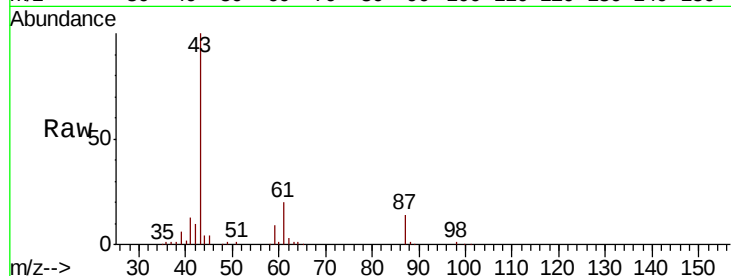
Tot Ion: 43 Resp: 94634

Ion Ratio Lower Upper

43 100

61 25.4 22.3 33.5

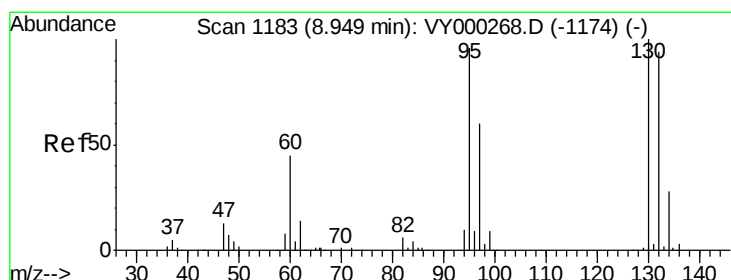
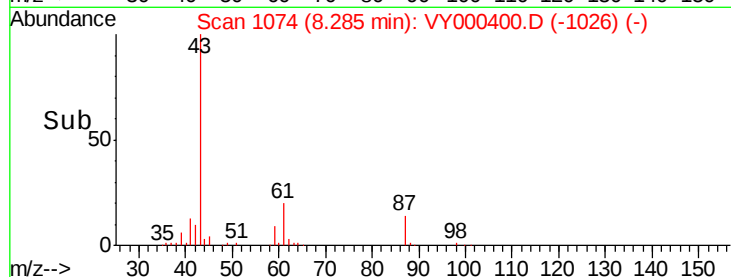
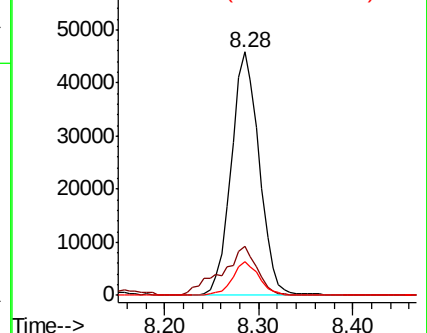
87 13.2 10.9 16.3



Abundance Ion 43.00 (42.70 to 43.70): VY000400.D (-1074) (-)

Ion 61.00 (60.70 to 61.70): VY000400.D (-1074) (-)

Ion 87.00 (86.70 to 87.70): VY000400.D (-1074) (-)



#44

Trichloroethene

Concen: 50.102 ug/l

RT: 8.95 min Scan# 1183

Delta R.T. 0.00 min

Lab File: VY000400.D

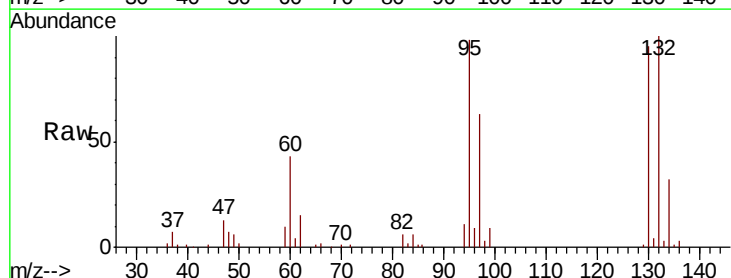
Acq: 23 Oct 2019 22:32

Tgt Ion:130 Resp: 48657

Ion Ratio Lower Upper

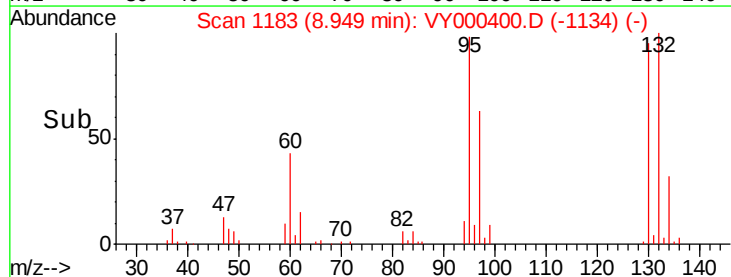
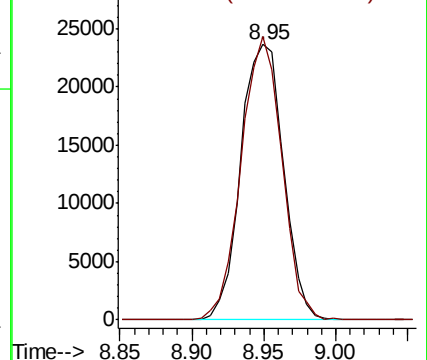
130 100

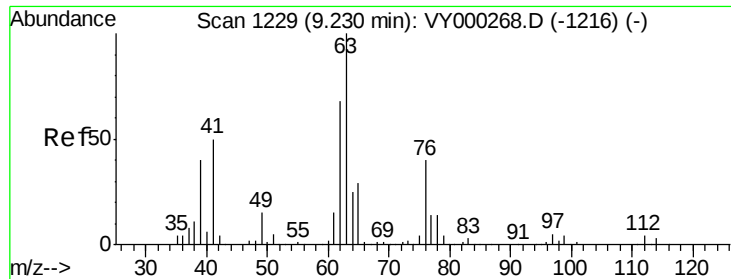
95 102.9 0.0 191.4



Abundance Ion 129.80 (129.50 to 130.50): VY000400.D (-1183) (-)

Ion 94.90 (94.60 to 95.60): VY000400.D (-1183) (-)

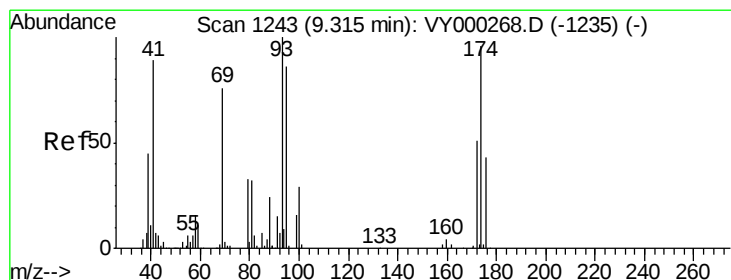
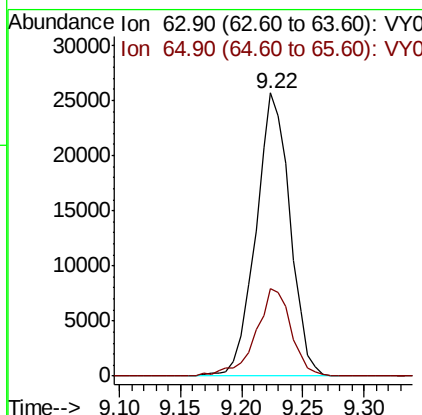
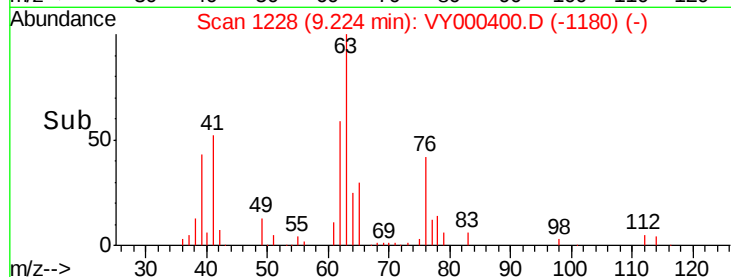
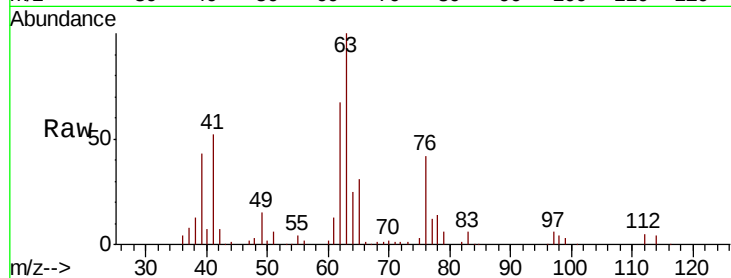




#45
 1,2-Dichloropropane
 Concen: 58.686 ug/l
 RT: 9.22 min Scan# 1228
 Delta R.T. -0.01 min
 Lab File: VY000400.D
 Acq: 23 Oct 2019 22:32

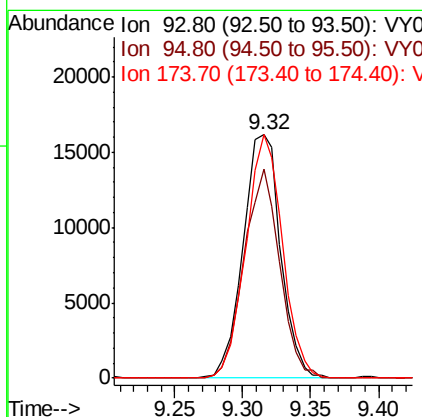
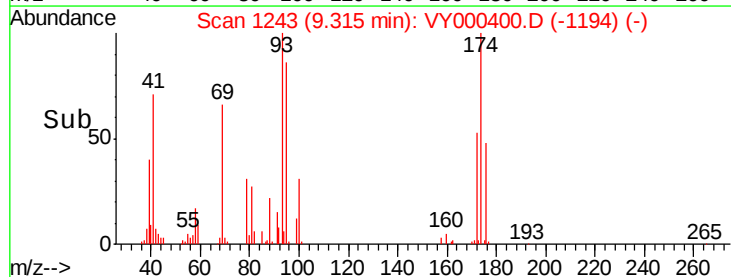
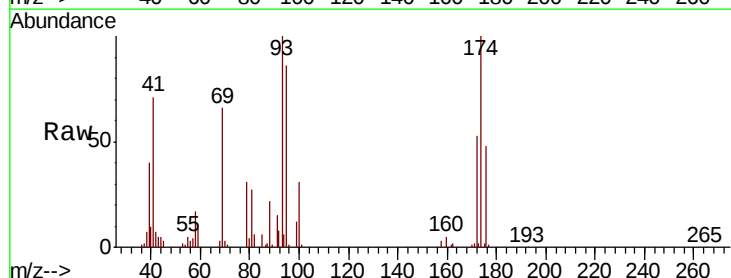
Instrument :
 MSVOA_Y
 ClientSampled :

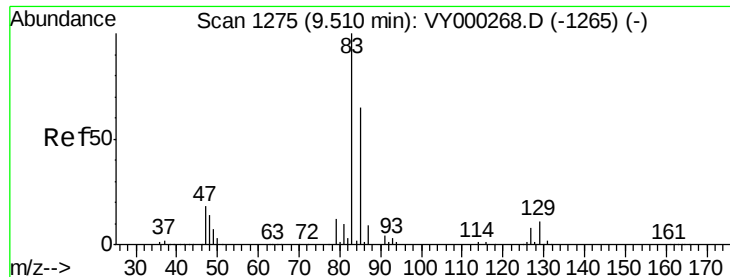
Tot Ion: 63 Resp: 49847
 Ion Ratio Lower Upper
 63 100
 65 30.8 23.2 34.8



#46
 Dibromomethane
 Concen: 65.917 ug/l
 RT: 9.32 min Scan# 1243
 Delta R.T. 0.00 min
 Lab File: VY000400.D
 Acq: 23 Oct 2019 22:32

Tgt Ion: 93 Resp: 31299
 Ion Ratio Lower Upper
 93 100
 95 81.4 68.2 102.2
 174 97.5 79.8 119.6





#47

Bromodichloromethane

Concen: 59.117 ug/l

RT: 9.50 min Scan# 1274

Delta R.T. -0.01 min

Lab File: VY000400.D

Acq: 23 Oct 2019 22:32

Instrument :

MSVOA_Y

ClientSampleId :

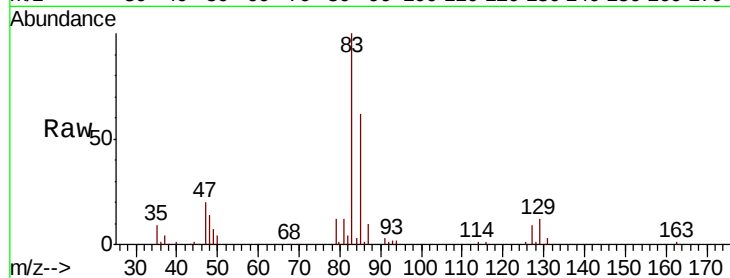
Tot Ion: 83 Resp: 66153

Ion Ratio Lower Upper

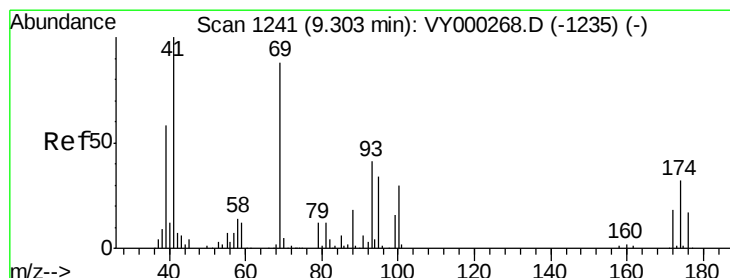
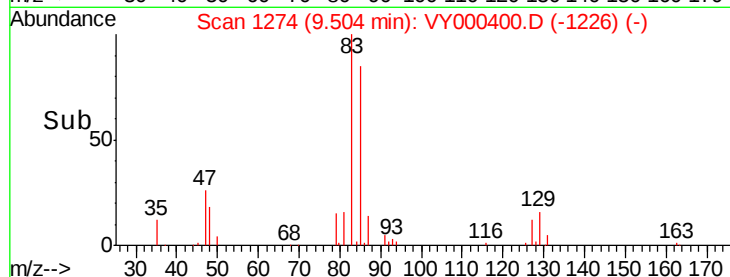
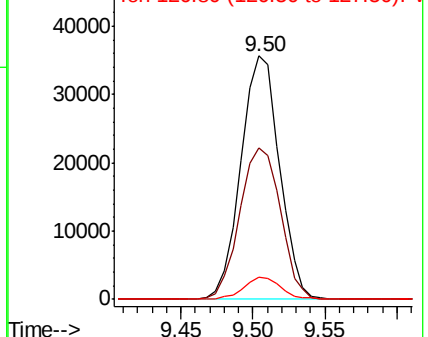
83 100

85 62.4 52.2 78.2

127 9.1 6.3 9.5



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



#48

Methyl methacrylate

Concen: 66.431 ug/l

RT: 9.30 min Scan# 1241

Delta R.T. 0.00 min

Lab File: VY000400.D

Acq: 23 Oct 2019 22:32

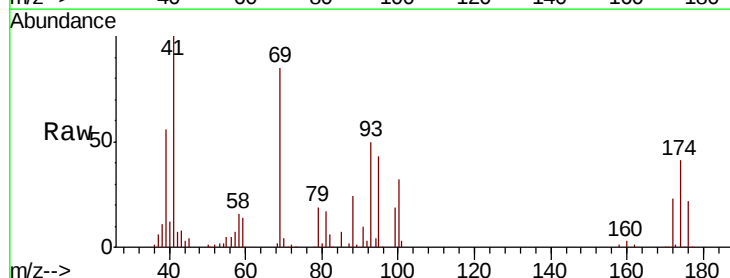
Tgt Ion: 41 Resp: 39258

Ion Ratio Lower Upper

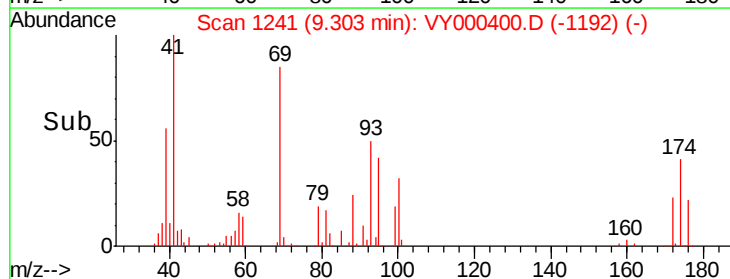
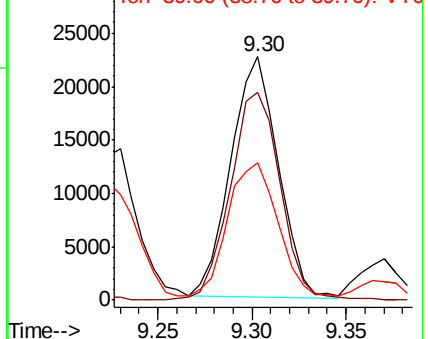
41 100

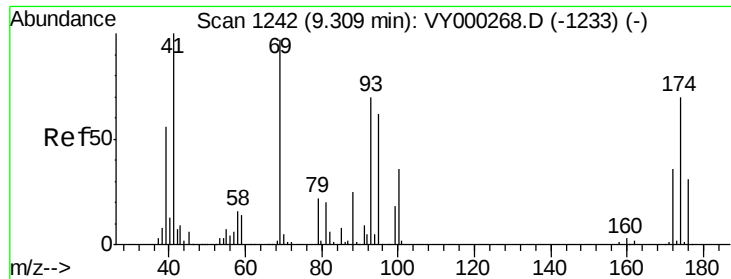
69 91.4 70.0 105.0

39 62.3 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: 1525.274 ug/l

RT: 9.30 min Scan# 1241

Delta R.T. -0.01 min

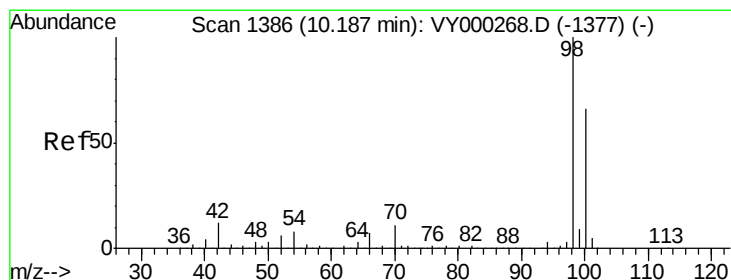
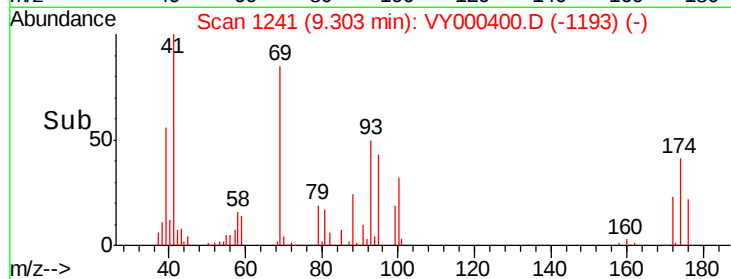
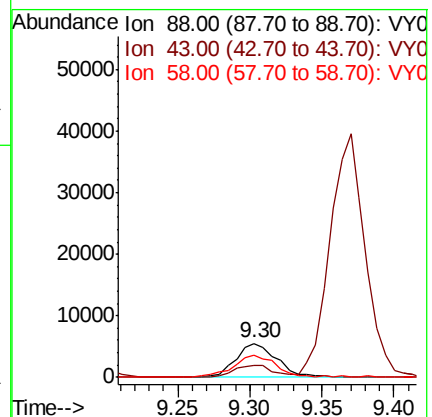
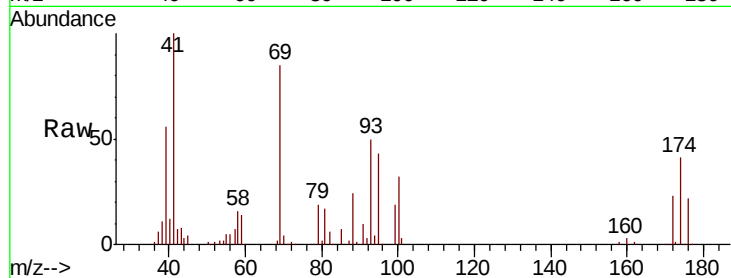
Lab File: VY000400.D

Acq: 23 Oct 2019 22:32

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 88 Resp: 10859

Ion	Ratio	Lower	Upper
88	100		
43	34.0	25.6	38.4
58	68.3	54.6	81.8



#50

Toluene-d8

Concen: 54.156 ug/l

RT: 10.19 min Scan# 1386

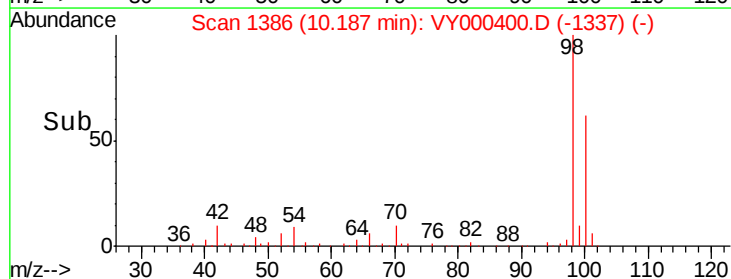
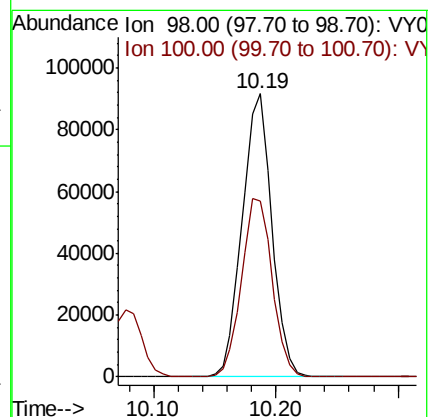
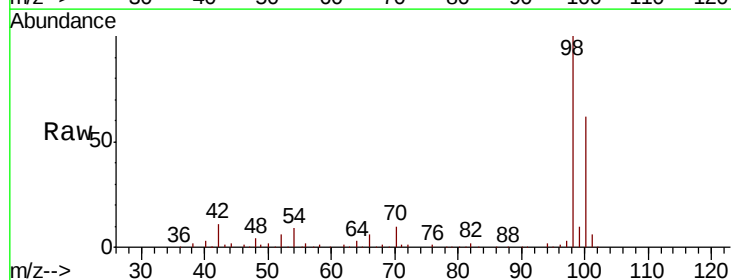
Delta R.T. 0.00 min

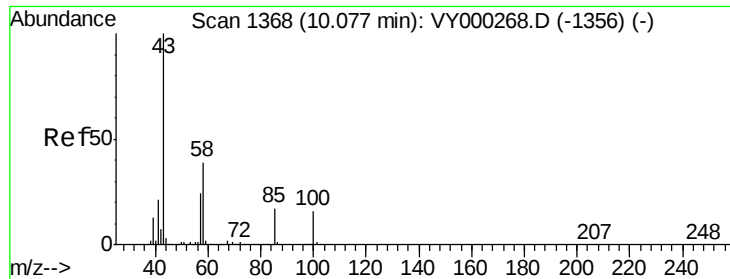
Lab File: VY000400.D

Acq: 23 Oct 2019 22:32

Tgt Ion: 98 Resp: 153723

Ion	Ratio	Lower	Upper
98	100		
100	65.3	52.8	79.2

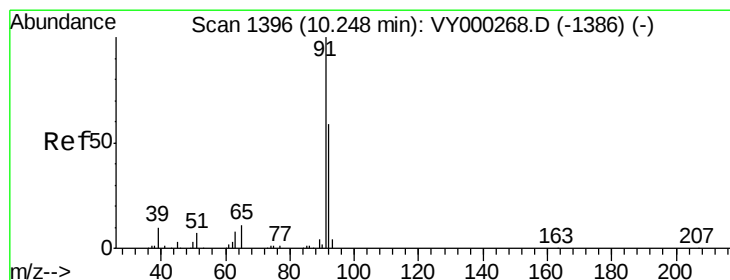
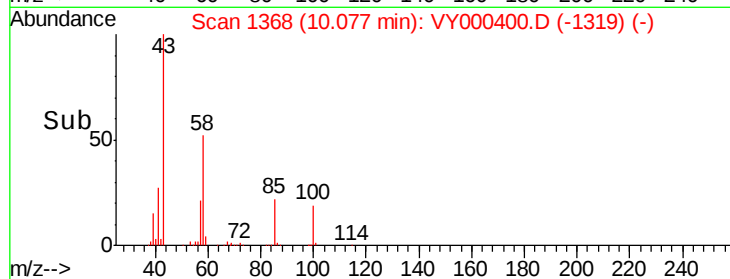
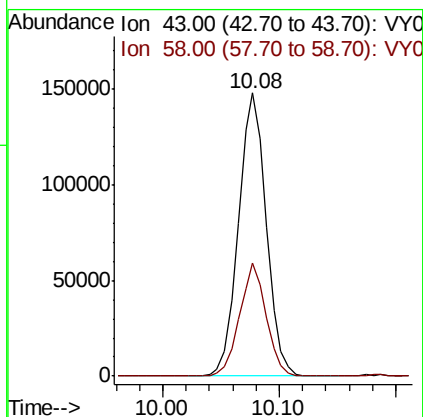
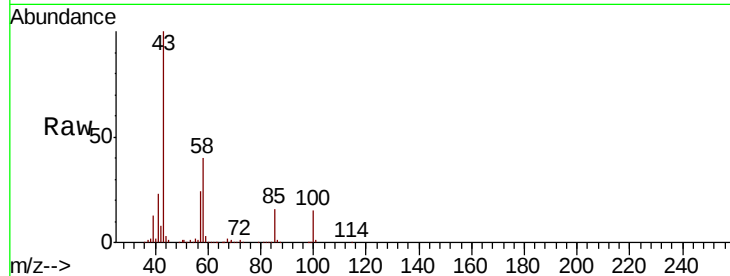




#51
4-Methyl-2-Pentanone
Concen: 352.766 ug/l
RT: 10.08 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VY000400.D
Acq: 23 Oct 2019 22:32

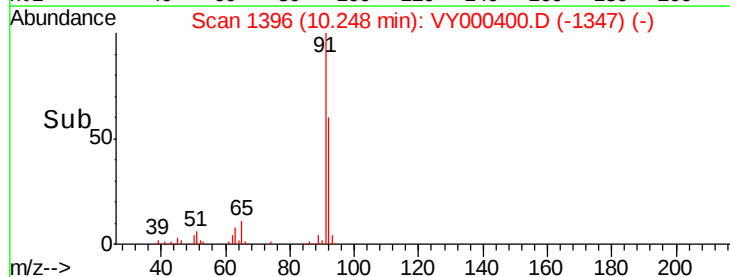
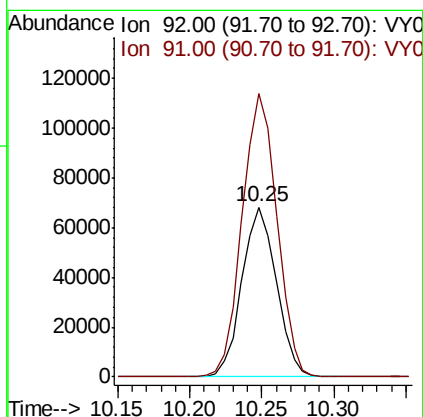
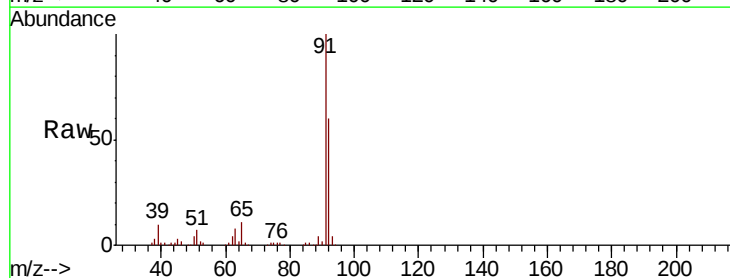
Instrument :
MSVOA_Y
ClientSampleId :

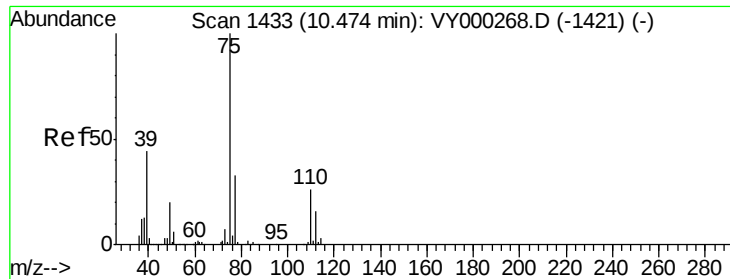
Tot Ion: 43 Resp: 245345
Ion Ratio Lower Upper
43 100
58 38.3 31.0 46.6



#52
Toluene
Concen: 51.526 ug/l
RT: 10.25 min Scan# 1396
Delta R.T. 0.00 min
Lab File: VY000400.D
Acq: 23 Oct 2019 22:32

Tgt Ion: 92 Resp: 113228
Ion Ratio Lower Upper
92 100
91 168.2 136.6 205.0





#53

t-1,3-Dichloropropene

Concen: 59.358 ug/l

RT: 10.47 min Scan# 1433

Delta R.T. 0.00 min

Lab File: VY000400.D

Acq: 23 Oct 2019 22:32

Instrument :

MSVOA_Y

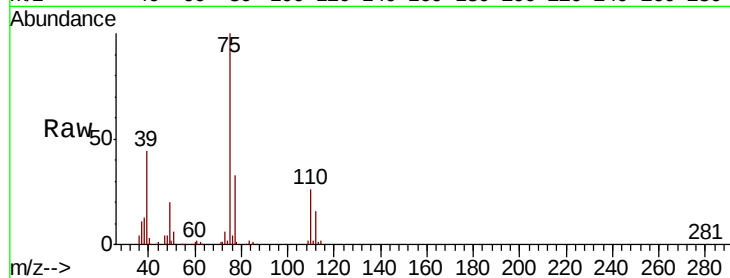
ClientSampleId :

Tot Ion: 75 Resp: 71185

Ion Ratio Lower Upper

75 100

77 33.4 26.0 39.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

10.47

50000

40000

30000

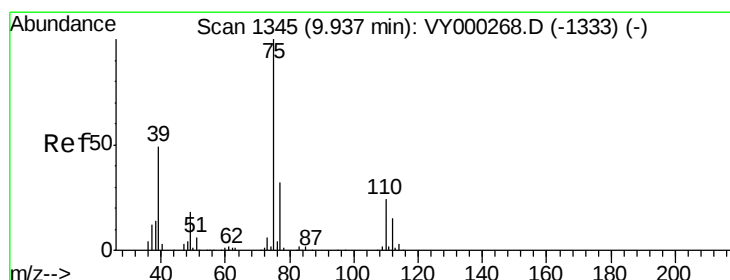
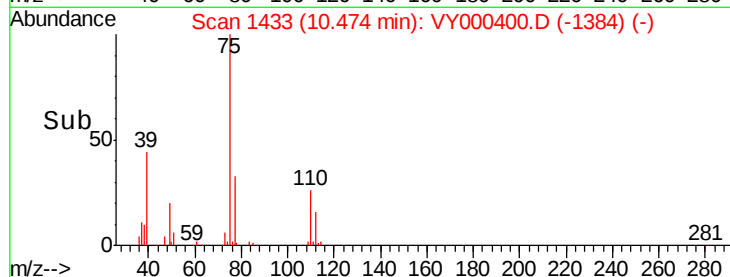
20000

10000

0

Time-->

10.40 10.45 10.50 10.55



#54

cis-1,3-Dichloropropene

Concen: 57.872 ug/l

RT: 9.94 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VY000400.D

Acq: 23 Oct 2019 22:32

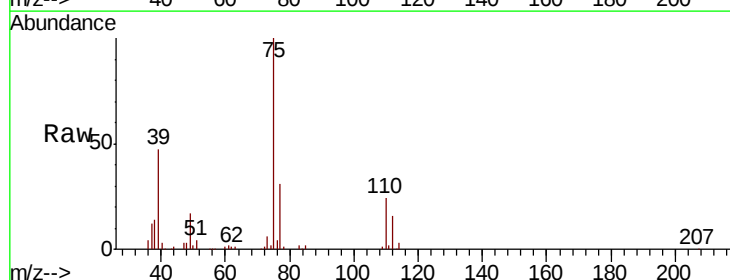
Tgt Ion: 75 Resp: 78817

Ion Ratio Lower Upper

75 100

77 30.7 26.0 39.0

39 46.9 38.8 58.2



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

Ion 39.00 (38.70 to 39.70): VY0

9.94

60000

50000

40000

30000

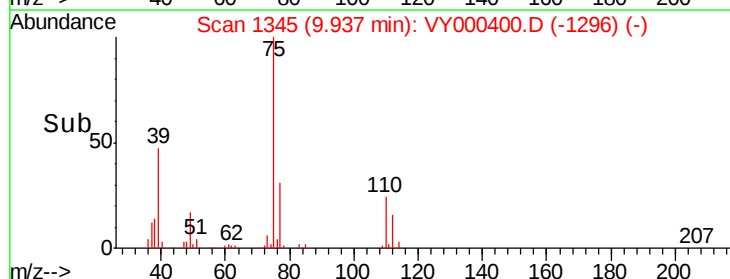
20000

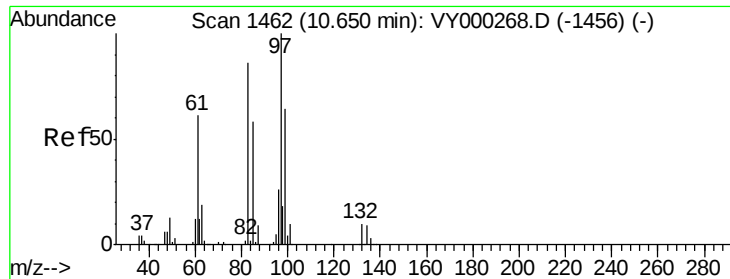
10000

0

Time-->

9.90 10.00

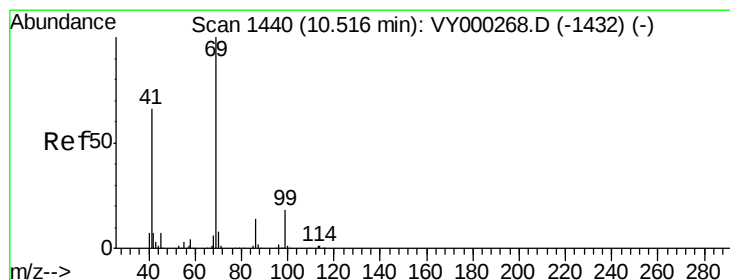
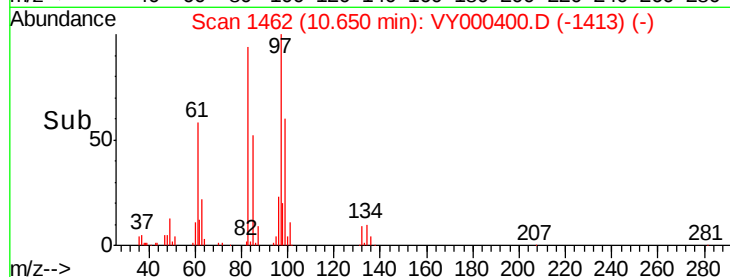
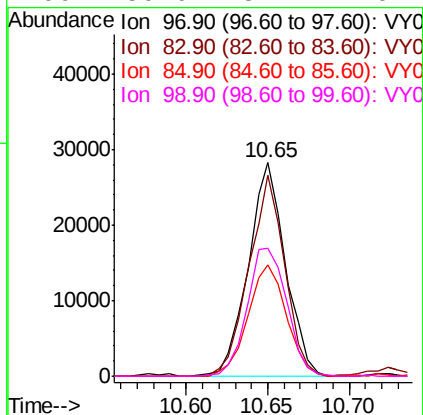
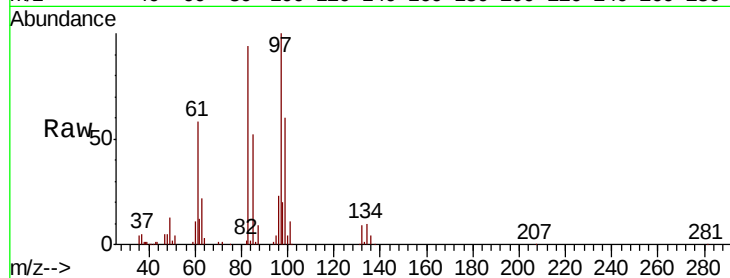




#55
 1,1,2-Trichloroethane
 Concen: 64.865 ug/l
 RT: 10.65 min Scan# 1462
 Delta R.T. 0.00 min
 Lab File: VY000400.D
 Acq: 23 Oct 2019 22:32

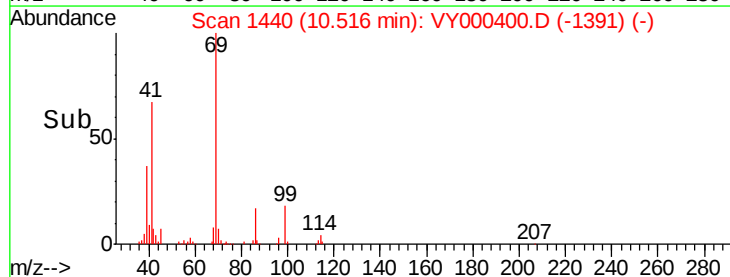
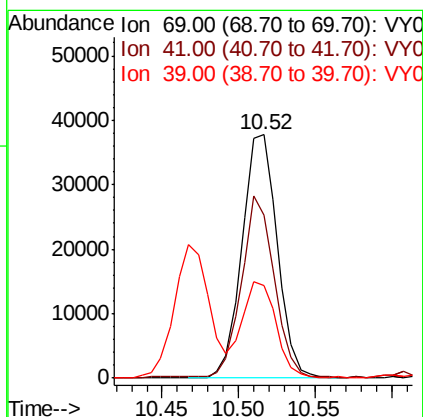
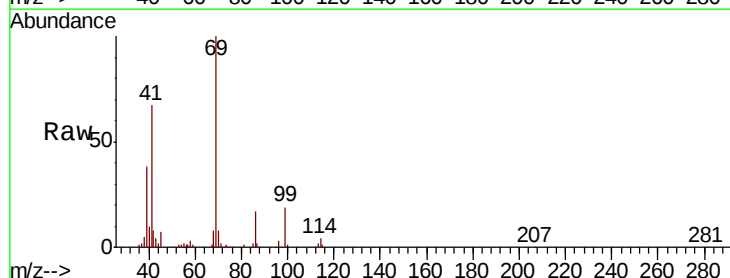
Instrument :
 MSVOA_Y
 ClientSampleId :

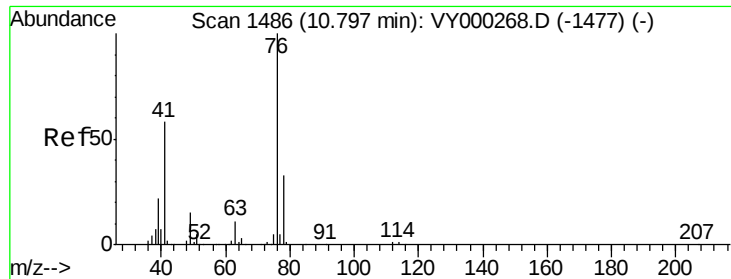
Tot Ion:	97	Resp:	44781
Ion	Ratio	Lower	Upper
97	100		
83	93.9	69.0	103.6
85	52.0	46.2	69.4
99	59.9	51.1	76.7



#56
 Ethyl methacrylate
 Concen: 61.503 ug/l
 RT: 10.52 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: VY000400.D
 Acq: 23 Oct 2019 22:32

Tgt Ion:	69	Resp:	60521
Ion	Ratio	Lower	Upper
69	100		
41	69.7	52.5	78.7
39	38.9	26.7	40.1

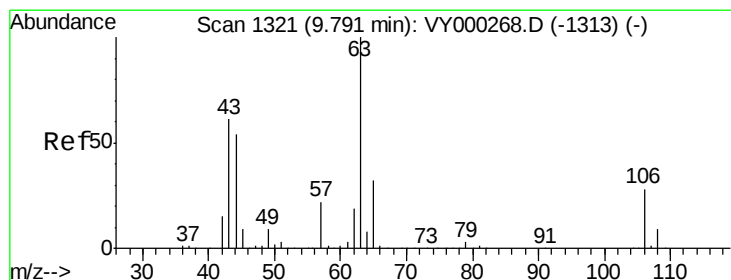
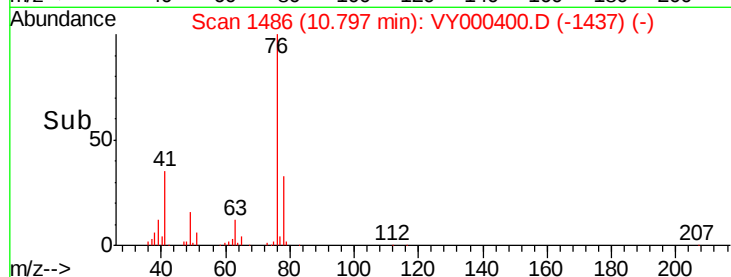
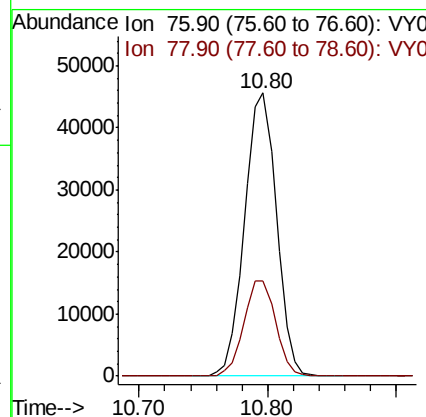
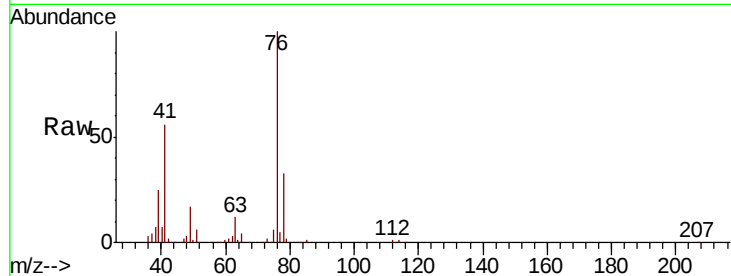




#57
 1,3-Dichloropropane
 Concen: 65.769 ug/l
 RT: 10.80 min Scan# 1486
 Delta R.T. 0.00 min
 Lab File: VY000400.D
 Acq: 23 Oct 2019 22:32

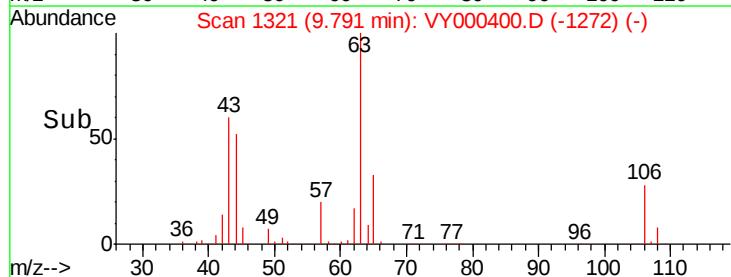
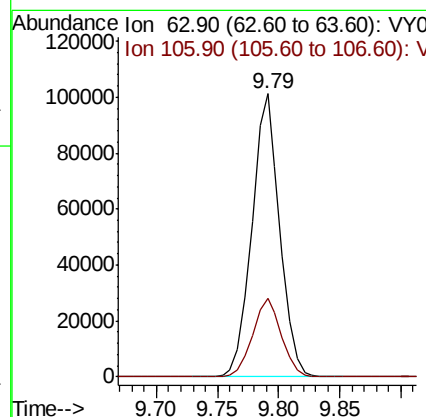
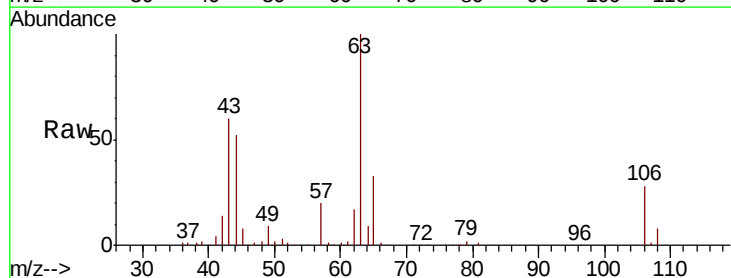
Instrument :
 MSVOA_Y
 ClientSampled :

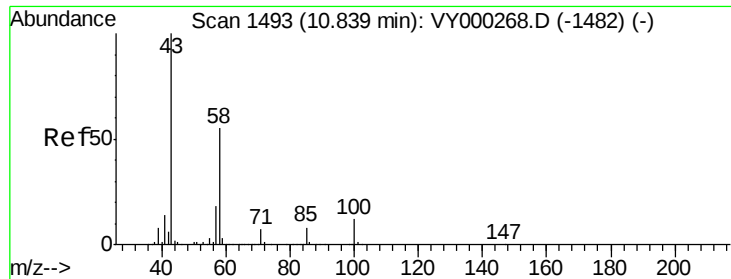
Tot Ion: 76 Resp: 77978
 Ion Ratio Lower Upper
 76 100
 78 33.6 26.2 39.2



#58
 2-Chloroethyl Vinyl ether
 Concen: 405.628 ug/l
 RT: 9.79 min Scan# 1321
 Delta R.T. 0.00 min
 Lab File: VY000400.D
 Acq: 23 Oct 2019 22:32

Tgt Ion: 63 Resp: 159209
 Ion Ratio Lower Upper
 63 100
 106 28.8 23.0 34.4

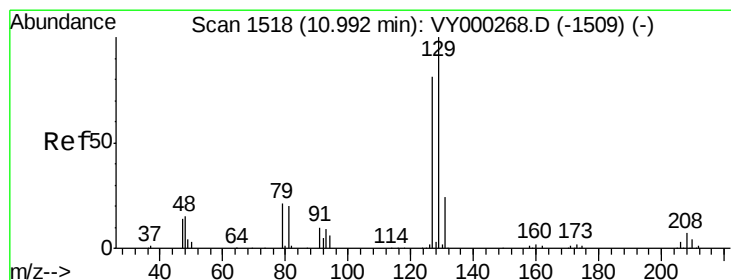
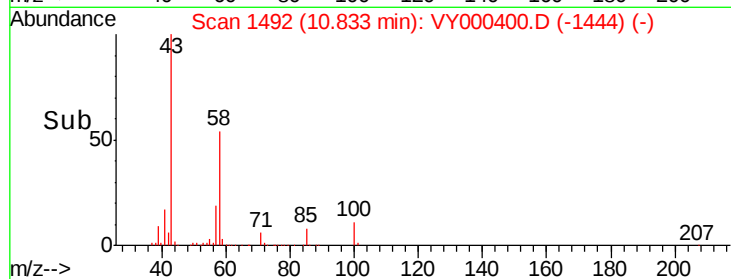
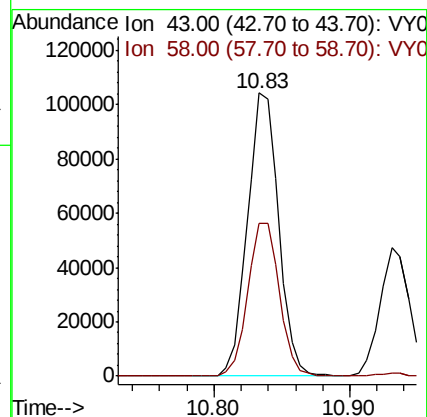
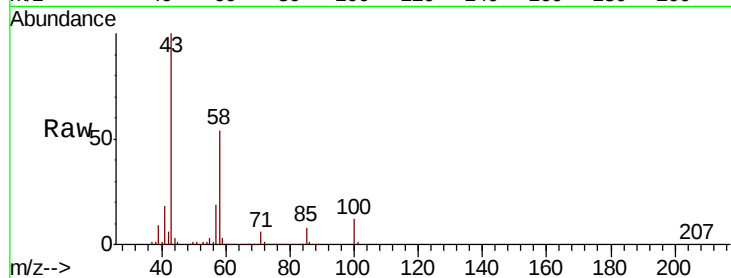




#59
2-Hexanone
Concen: 343.733 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.01 min
Lab File: VY000400.D
Acq: 23 Oct 2019 22:32

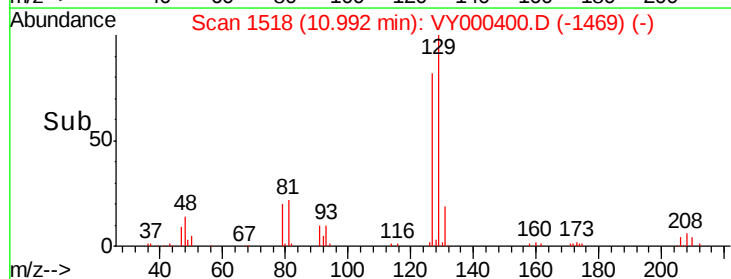
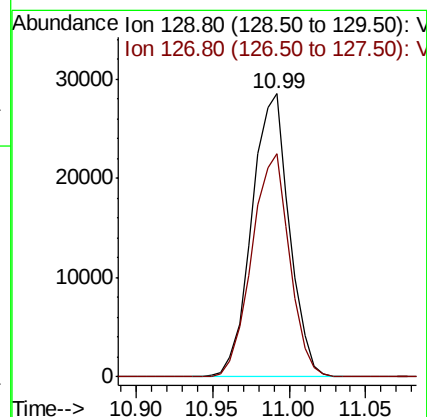
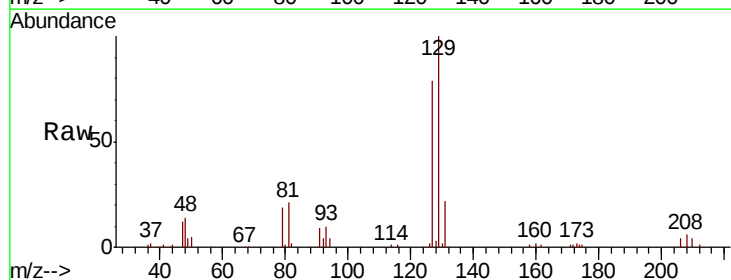
Instrument :
MSVOA_Y
ClientSampled :

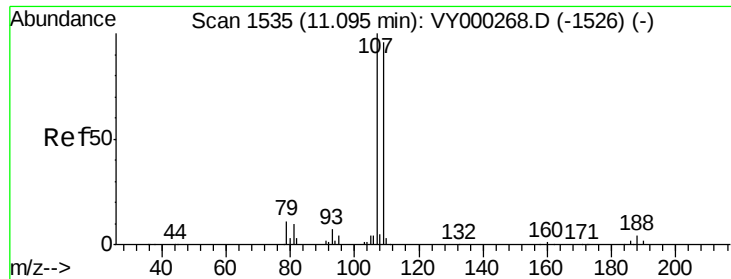
Tot Ion: 43 Resp: 167801
Ion Ratio Lower Upper
43 100
58 54.7 27.7 83.1



#60
Dibromochloromethane
Concen: 63.561 ug/l
RT: 10.99 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VY000400.D
Acq: 23 Oct 2019 22:32

Tgt Ion: 129 Resp: 48637
Ion Ratio Lower Upper
129 100
127 79.3 39.9 119.7





#61

1,2-Dibromoethane

Concen: 65.620 ug/l

RT: 11.09 min Scan# 1534

Delta R.T. -0.01 min

Lab File: VY000400.D

Acq: 23 Oct 2019 22:32

Instrument :

MSVOA_Y

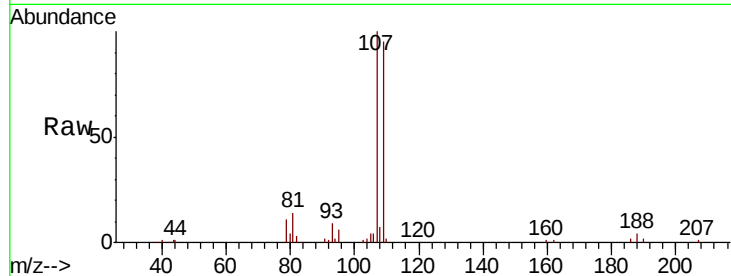
ClientSampled :

Tot Ion:107 Resp: 43498

Ion Ratio Lower Upper

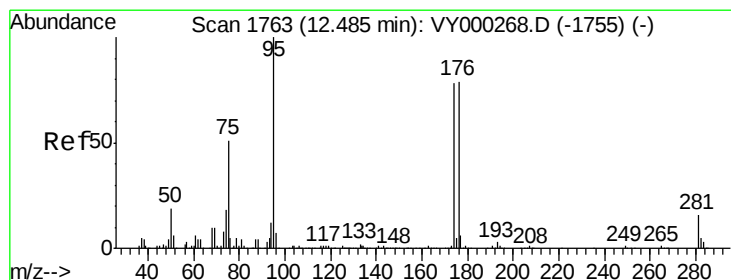
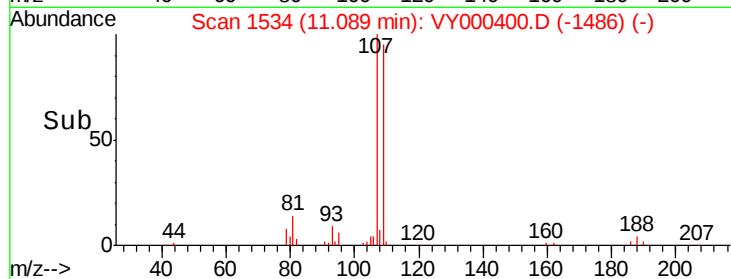
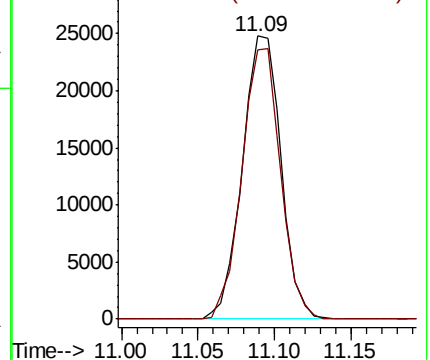
107 100

109 95.4 75.1 112.7



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 53.881 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.01 min

Lab File: VY000400.D

Acq: 23 Oct 2019 22:32

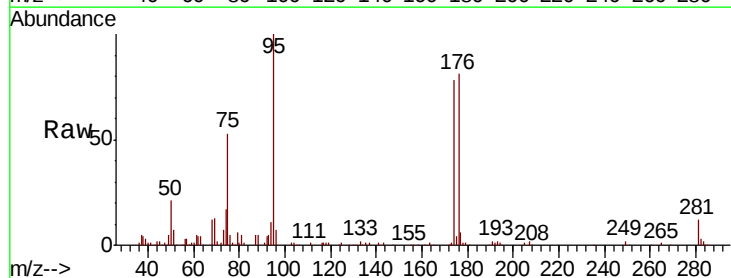
Tgt Ion: 95 Resp: 58105

Ion Ratio Lower Upper

95 100

174 81.8 0.0 159.6

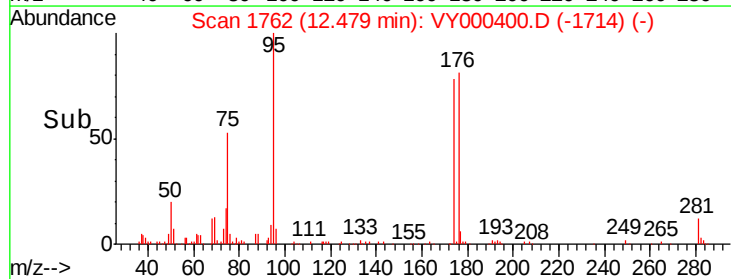
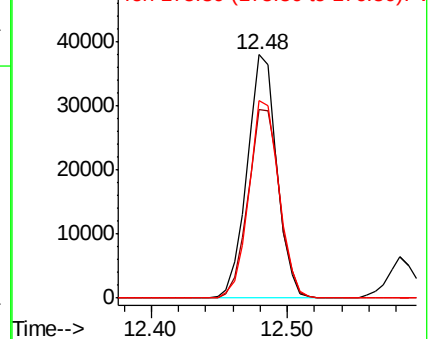
176 82.2 0.0 153.8

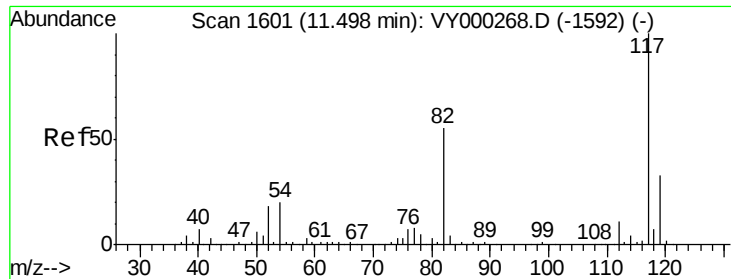


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

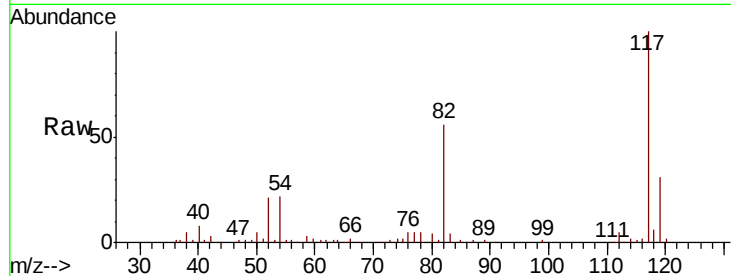




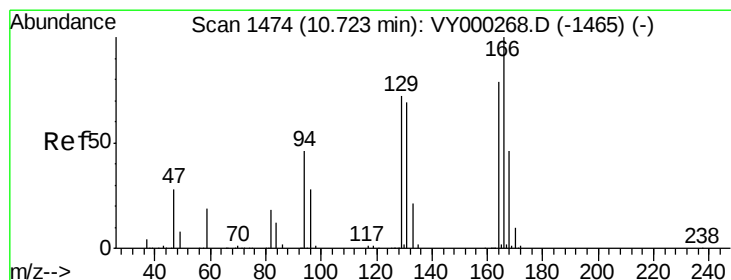
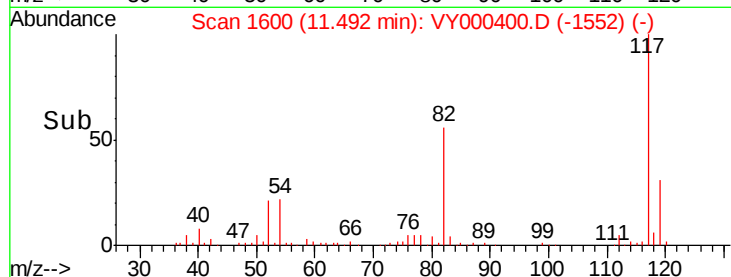
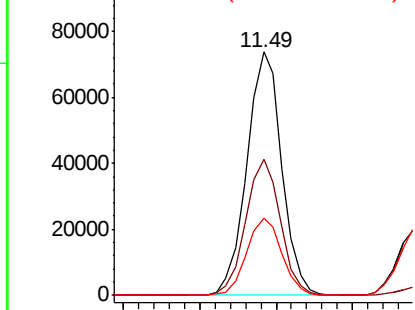
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY000400.D
Acq: 23 Oct 2019 22:32

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:117 Resp: 116592
Ion Ratio Lower Upper
117 100
82 55.9 43.7 65.5
119 31.5 26.6 39.8

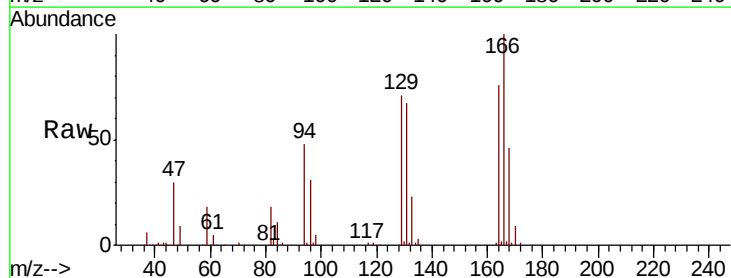


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

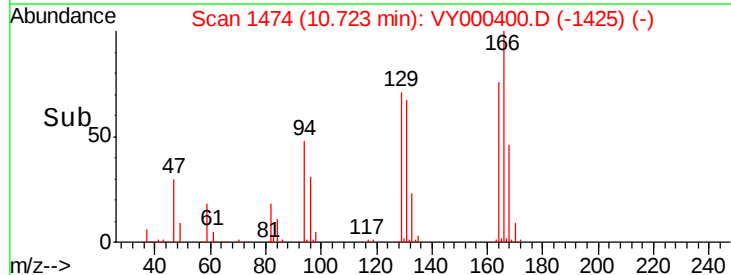
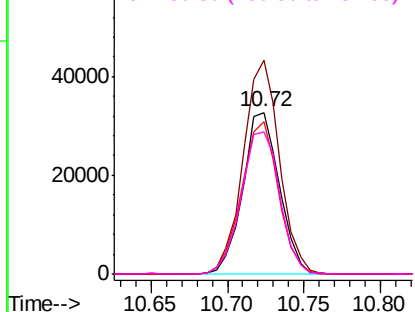


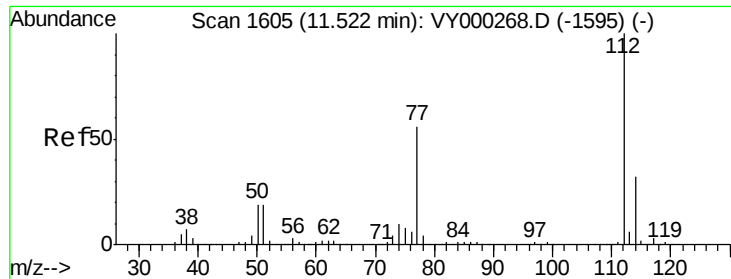
#64
Tetrachloroethene
Concen: 48.991 ug/l
RT: 10.72 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VY000400.D
Acq: 23 Oct 2019 22:32

Tgt Ion:164 Resp: 54379
Ion Ratio Lower Upper
164 100
166 132.1 100.6 151.0
129 94.1 72.8 109.2
131 88.3 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

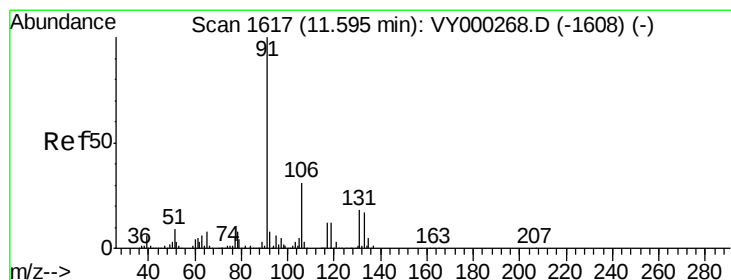
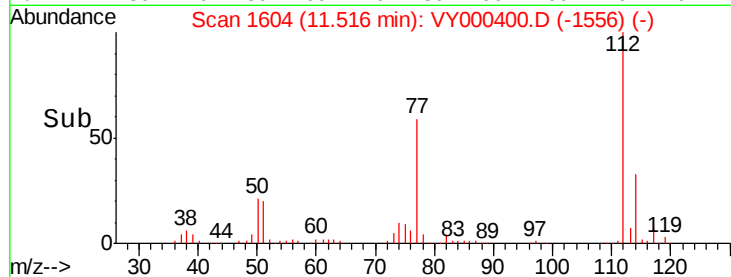
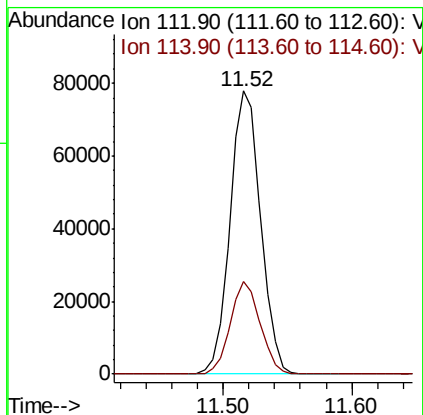
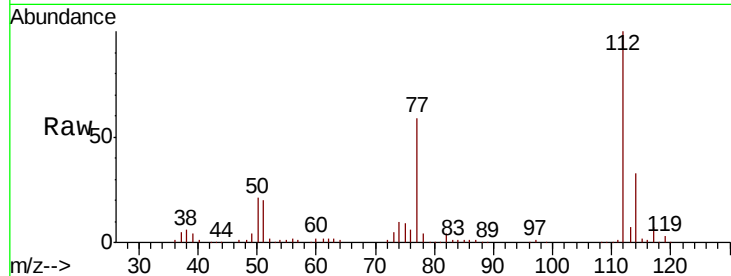




#65
Chlorobenzene
Concen: 52.332 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.01 min
Lab File: VY000400.D
Acq: 23 Oct 2019 22:32

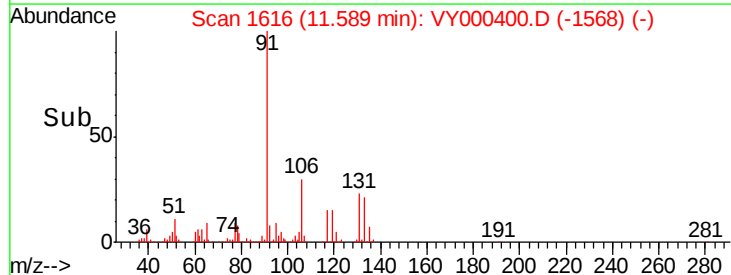
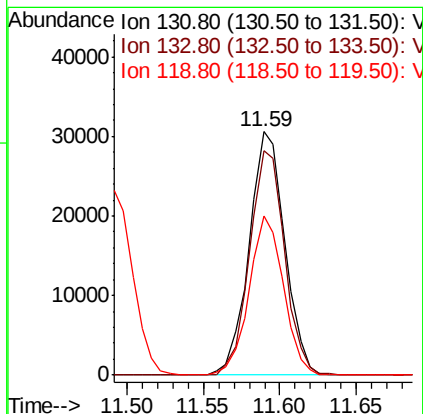
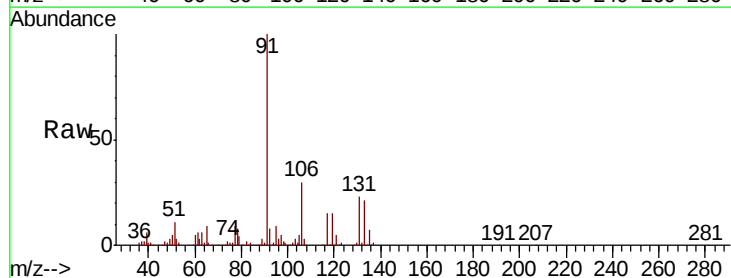
Instrument :
MSVOA_Y
ClientSampleId :

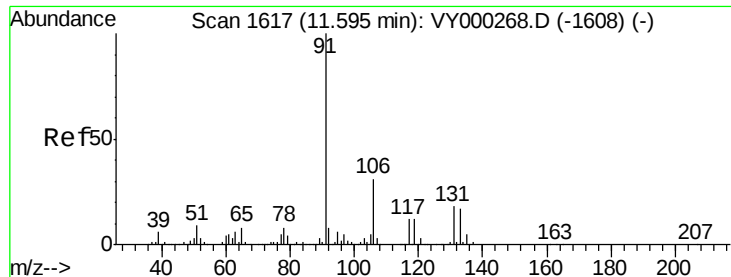
Tot Ion:112 Resp: 128769
Ion Ratio Lower Upper
112 100
114 32.7 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 57.556 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.01 min
Lab File: VY000400.D
Acq: 23 Oct 2019 22:32

Tgt Ion:131 Resp: 49749
Ion Ratio Lower Upper
131 100
133 90.4 47.2 141.6
119 62.8 32.6 98.0

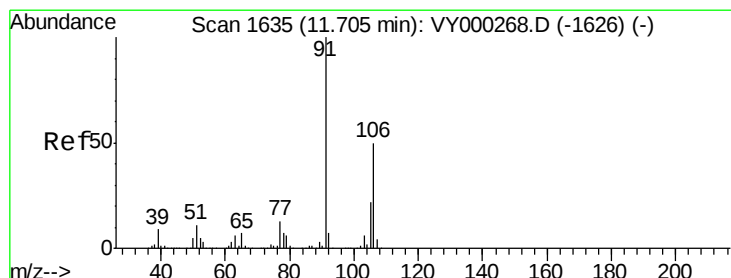
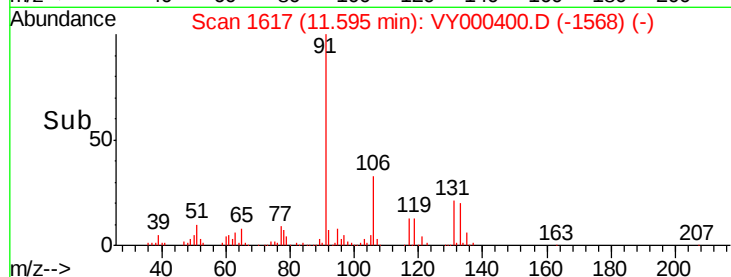
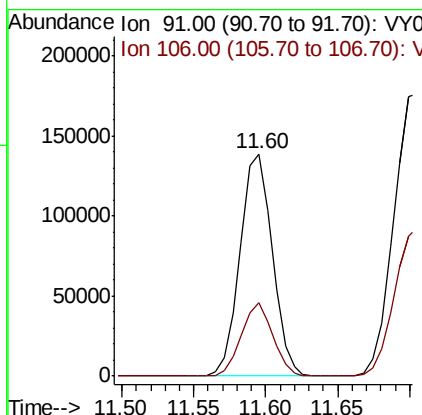
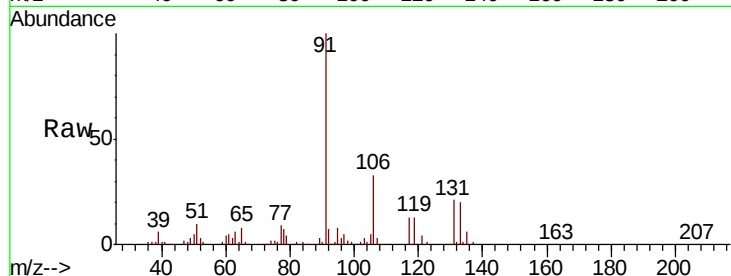




#67
Ethyl Benzene
Concen: 47.499 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. 0.00 min
Lab File: VY000400.D
Acq: 23 Oct 2019 22:32

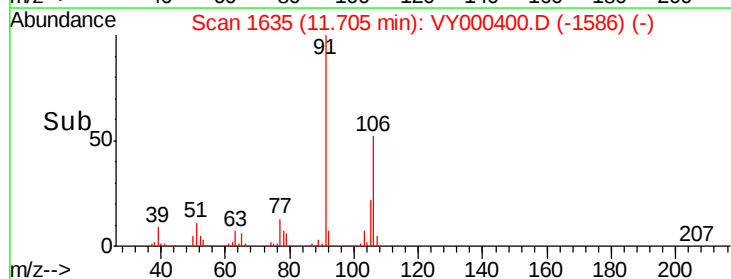
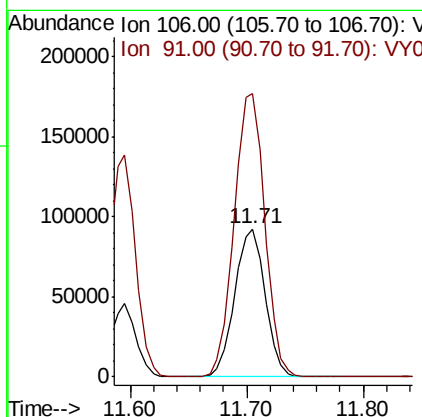
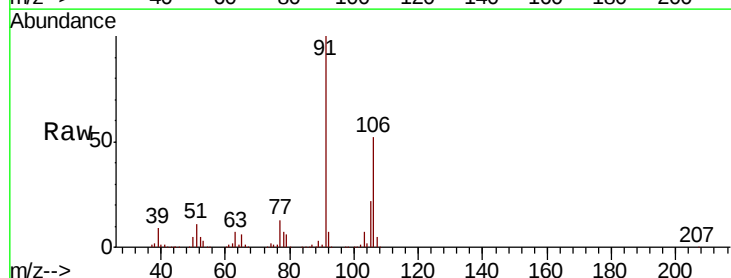
Instrument :
MSVOA_Y
ClientSampled :

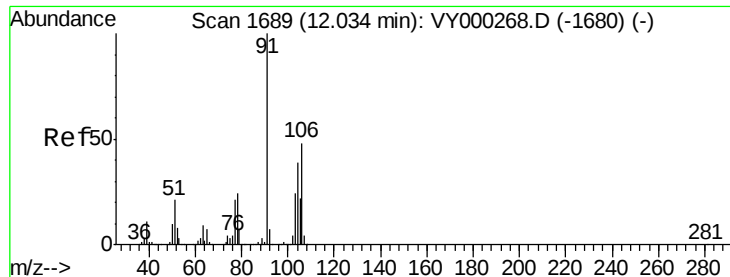
Tot Ion: 91 Resp: 216663
Ion Ratio Lower Upper
91 100
106 33.2 25.0 37.6



#68
m/p-Xylenes
Concen: 96.533 ug/l
RT: 11.71 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VY000400.D
Acq: 23 Oct 2019 22:32

Tgt Ion: 106 Resp: 168330
Ion Ratio Lower Upper
106 100
91 193.5 157.5 236.3

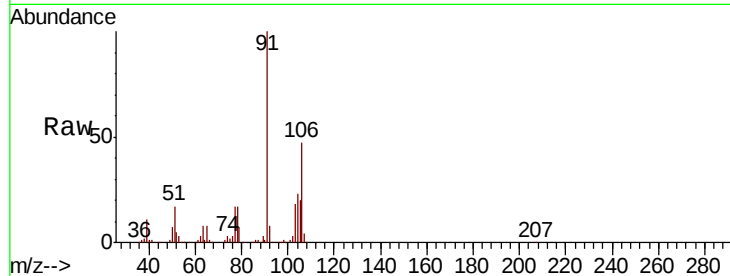




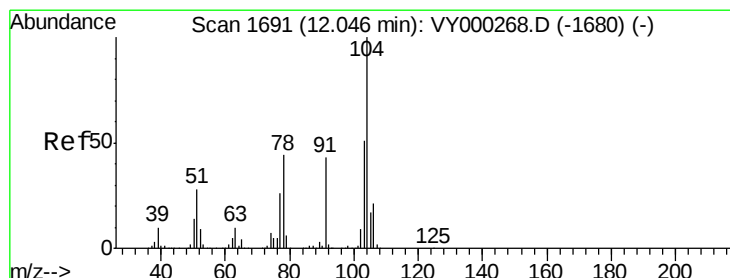
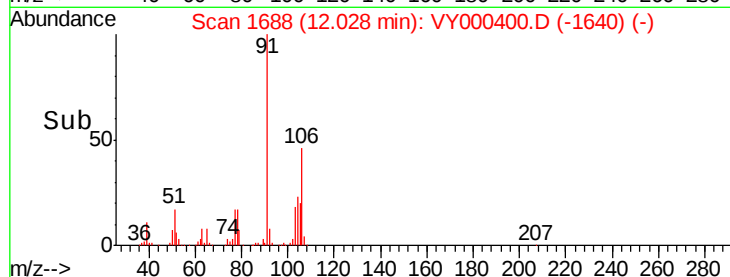
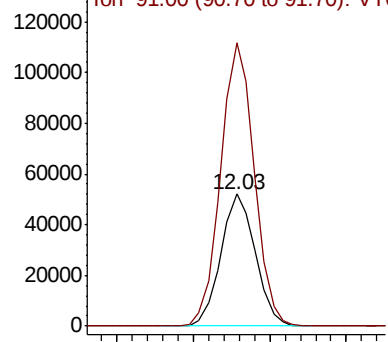
#69
o-Xylene
Concen: 49.031 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.01 min
Lab File: VY000400.D
Acq: 23 Oct 2019 22:32

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:106 Resp: 81562
Ion Ratio Lower Upper
106 100
91 209.0 104.7 313.9

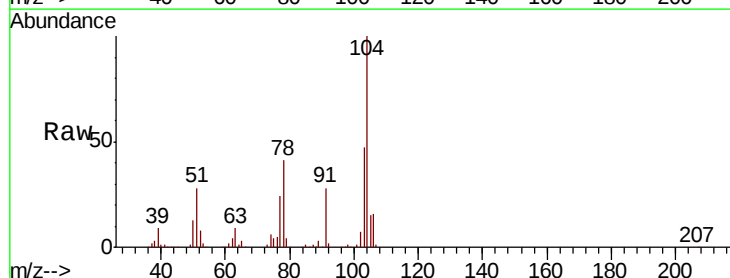


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VY0

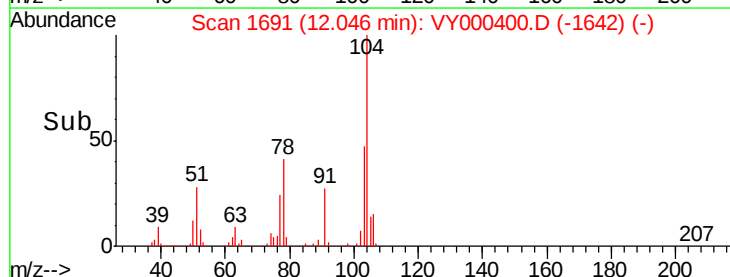
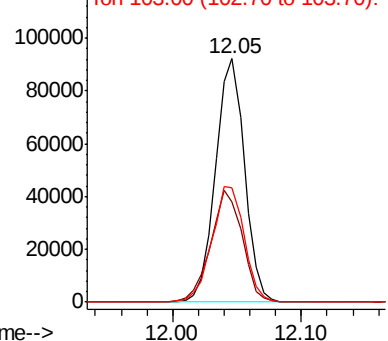


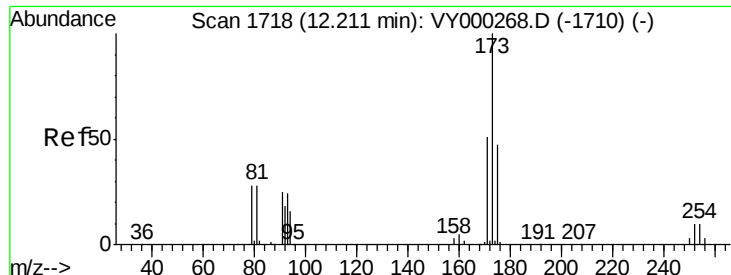
#70
Styrene
Concen: 50.853 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. 0.00 min
Lab File: VY000400.D
Acq: 23 Oct 2019 22:32

Tgt Ion:104 Resp: 142666
Ion Ratio Lower Upper
104 100
78 50.2 39.0 58.6
103 53.0 43.1 64.7



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





#71

Bromoform

Concen: 65.526 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. 0.00 min

Lab File: VY000400.D

Acq: 23 Oct 2019 22:32

Instrument :

MSVOA_Y

ClientSampled :

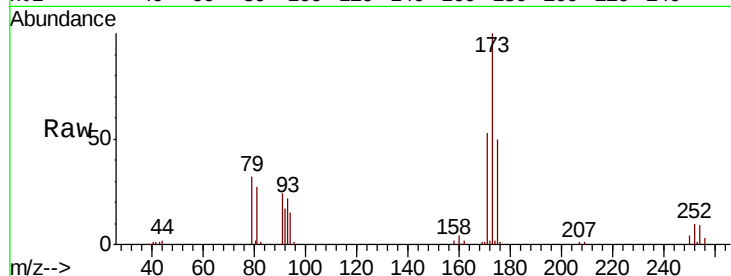
Tot Ion:173 Resp: 32559

Ion Ratio Lower Upper

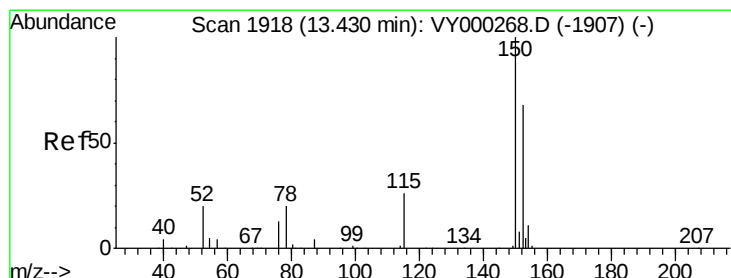
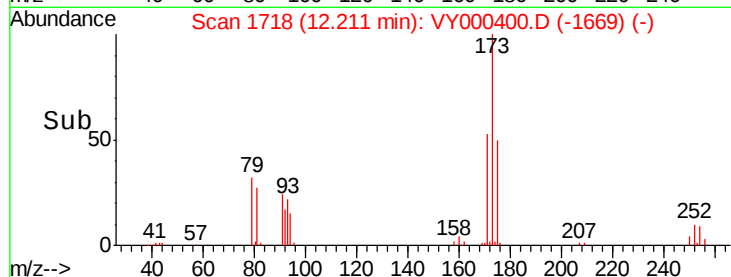
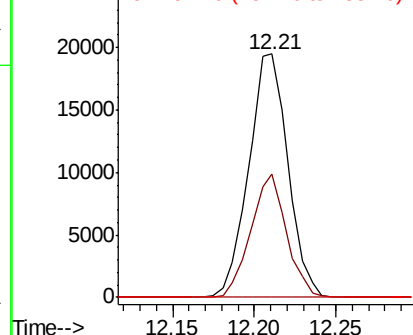
173 100

175 45.8 24.6 73.6

254 0.0 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. -0.01 min

Lab File: VY000400.D

Acq: 23 Oct 2019 22:32

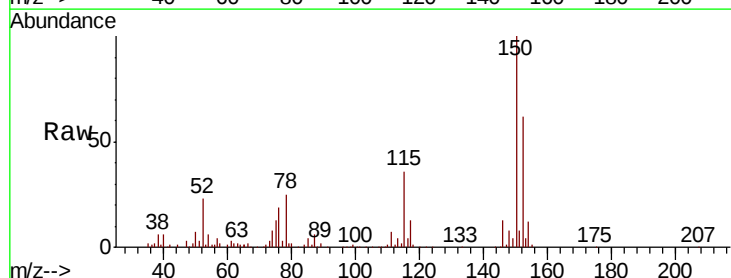
Tgt Ion:152 Resp: 60255

Ion Ratio Lower Upper

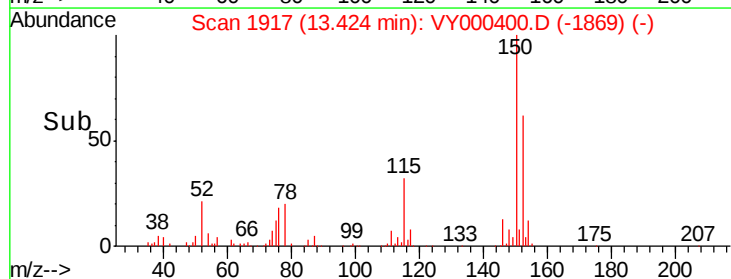
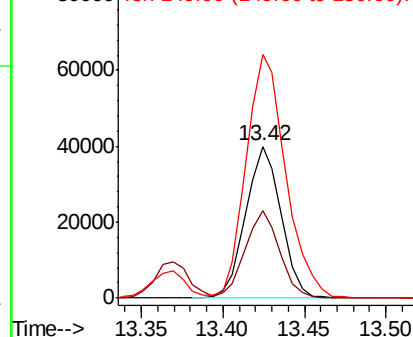
152 100

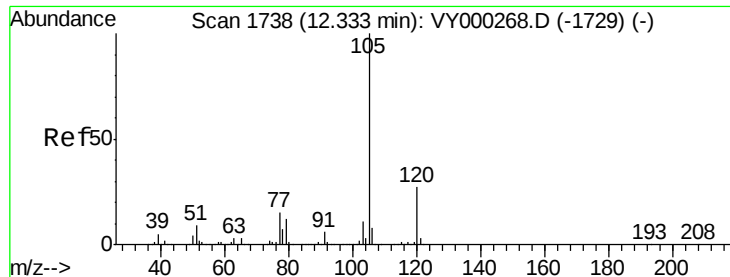
115 56.1 29.3 88.0

150 179.8 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

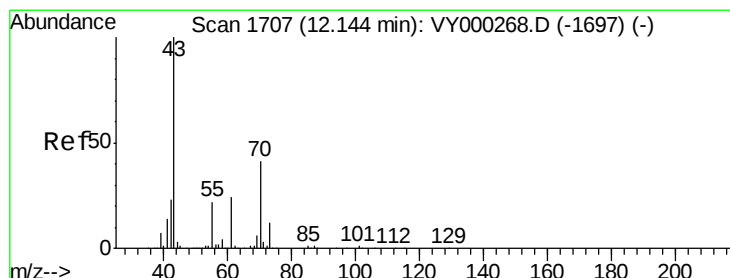
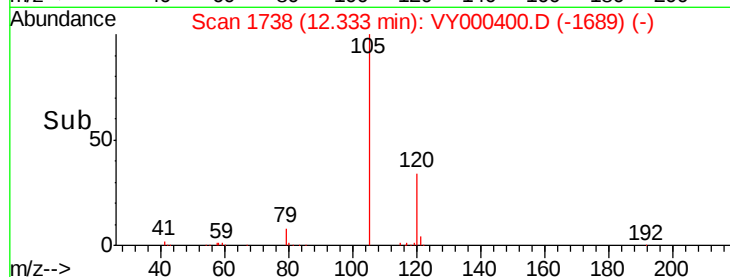
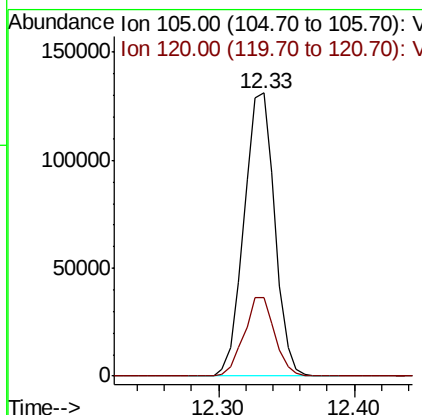
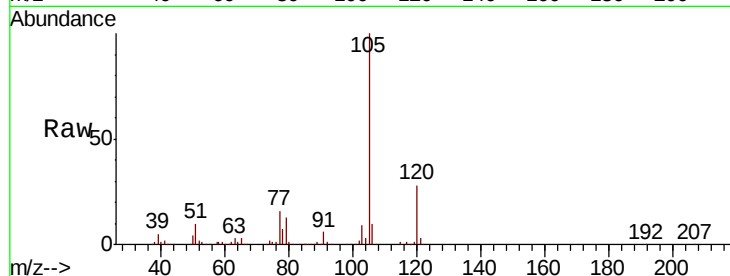




#73
Isopropylbenzene
Concen: 44.045 ug/l
RT: 12.33 min Scan# 1738
Delta R.T. 0.00 min
Lab File: VY000400.D
Acq: 23 Oct 2019 22:32

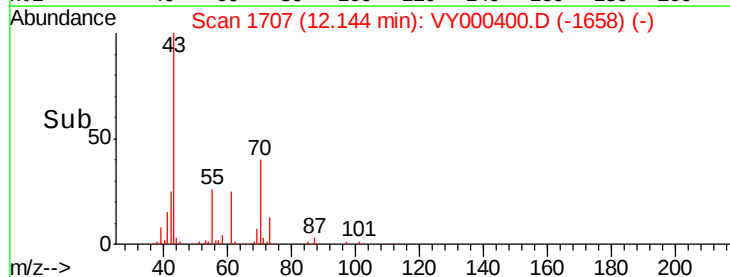
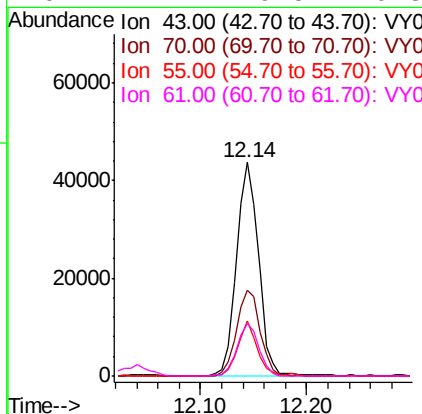
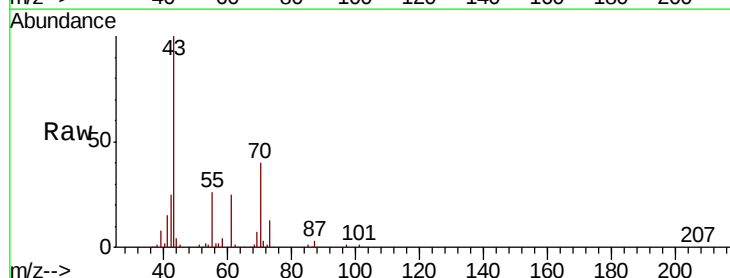
Instrument :
MSVOA_Y
ClientSampled :

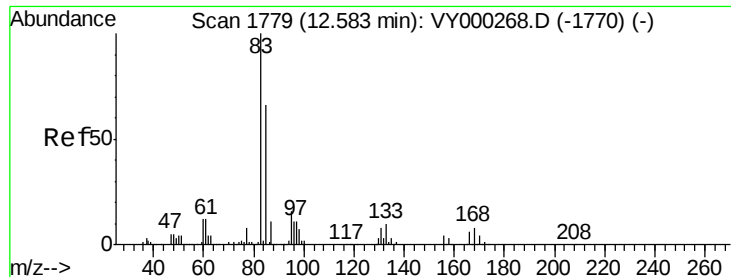
Tot Ion:105 Resp: 206938
Ion Ratio Lower Upper
105 100
120 27.7 13.4 40.2



#74
N-ethyl acetate
Concen: 55.516 ug/l
RT: 12.14 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VY000400.D
Acq: 23 Oct 2019 22:32

Tgt Ion: 43 Resp: 64033
Ion Ratio Lower Upper
43 100
70 42.5 32.9 49.3
55 22.6 17.8 26.6
61 24.2 19.5 29.3





#75

1,1,2,2-Tetrachloroethane

Concen: 60.401 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY000400.D

Acq: 23 Oct 2019 22:32

Instrument :

MSVOA_Y

ClientSampleId :

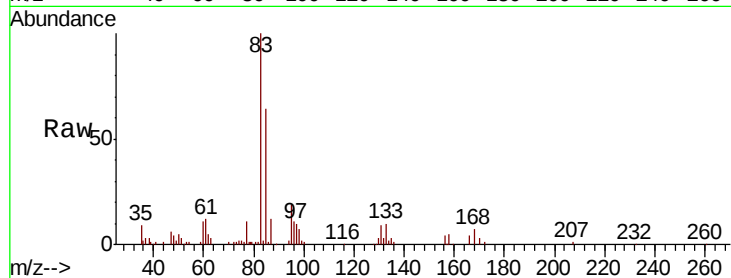
Tot Ion: 83 Resp: 53282

Ion Ratio Lower Upper

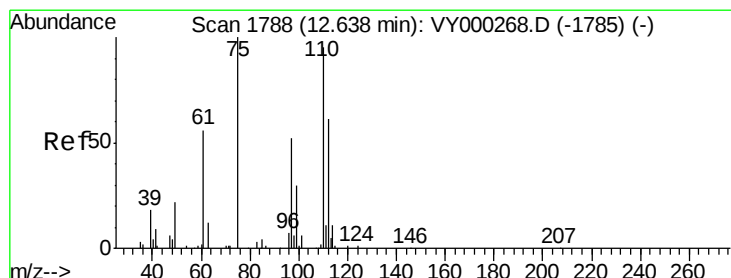
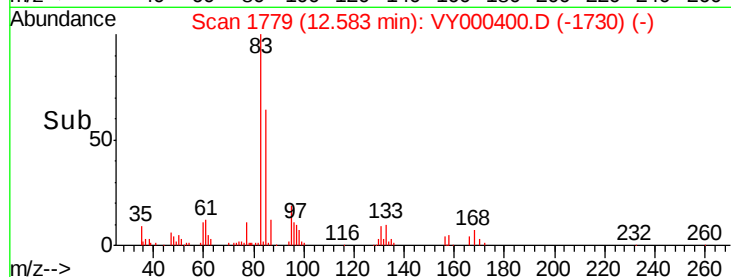
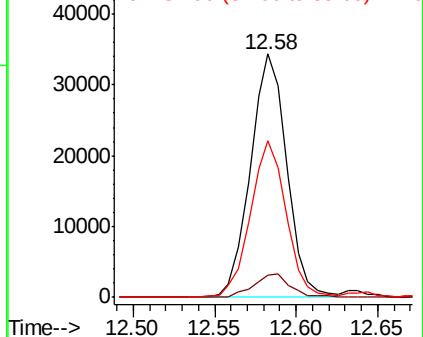
83 100

131 9.6 5.3 16.1

85 63.2 32.9 98.7



Abundance Ion 82.90 (82.60 to 83.60): VY0
Ion 130.80 (130.50 to 131.50): VY0
Ion 84.90 (84.60 to 85.60): VY0



#76

1,2,3-Trichloropropane

Concen: 102.038 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. -0.01 min

Lab File: VY000400.D

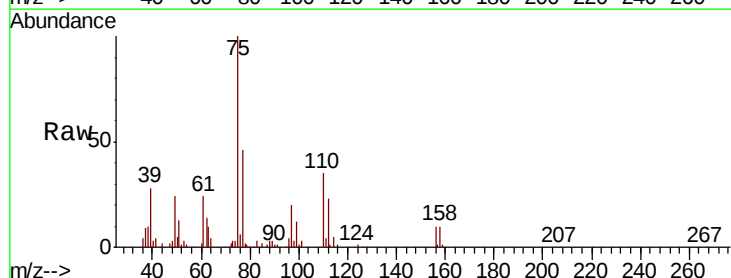
Acq: 23 Oct 2019 22:32

Tgt Ion: 75 Resp: 75603

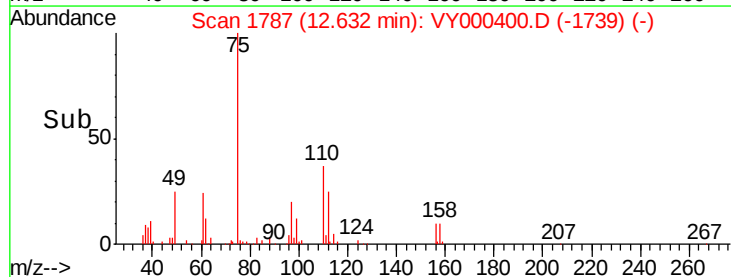
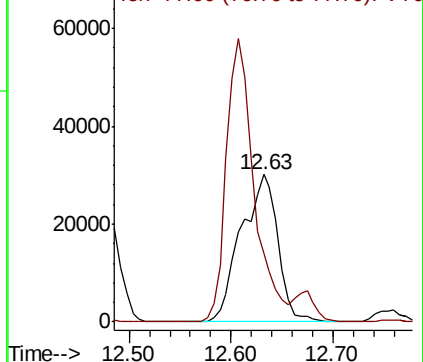
Ion Ratio Lower Upper

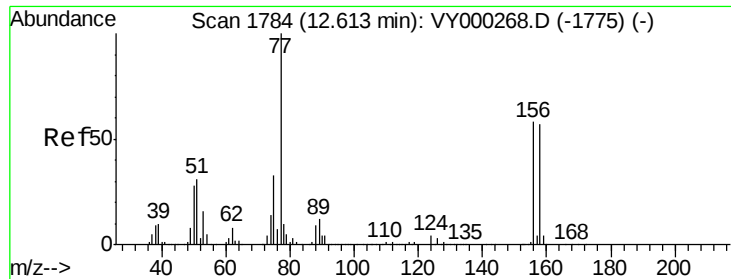
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0
Ion 77.00 (76.70 to 77.70): VY0





#77

Bromobenzene

Concen: 54.484 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.01 min

Lab File: VY000400.D

Acq: 23 Oct 2019 22:32

Instrument :

MSVOA_Y

ClientSampleId :

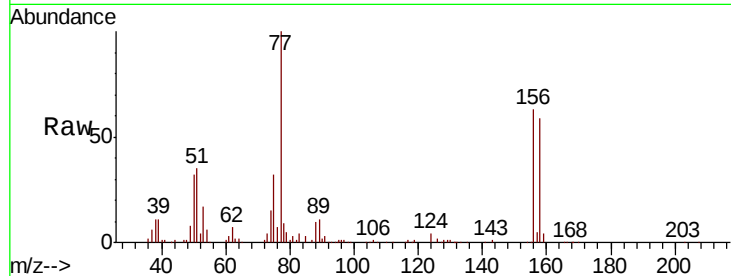
Tot Ion:156 Resp: 56962

Ion Ratio Lower Upper

156 100

77 191.4 101.0 302.9

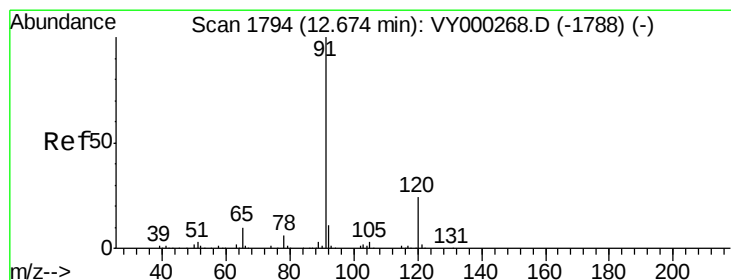
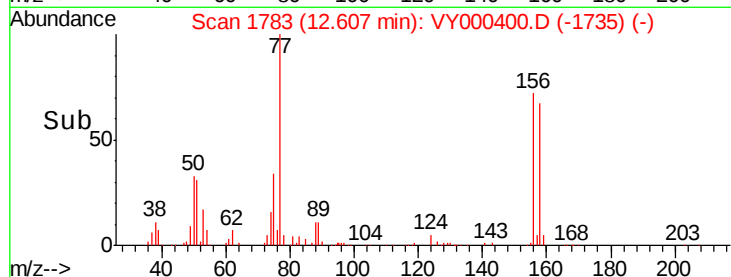
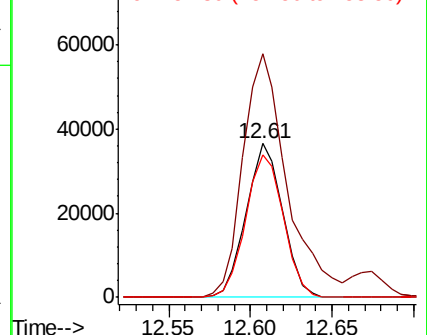
158 95.6 49.7 149.1



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: 43.592 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. -0.01 min

Lab File: VY000400.D

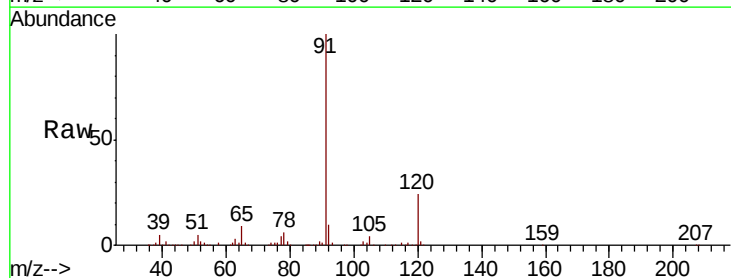
Acq: 23 Oct 2019 22:32

Tgt Ion: 91 Resp: 245902

Ion Ratio Lower Upper

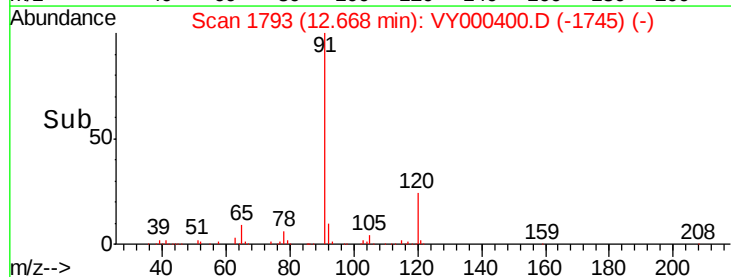
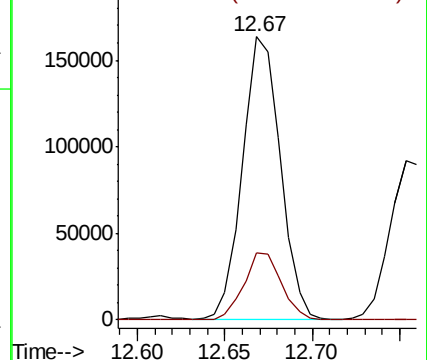
91 100

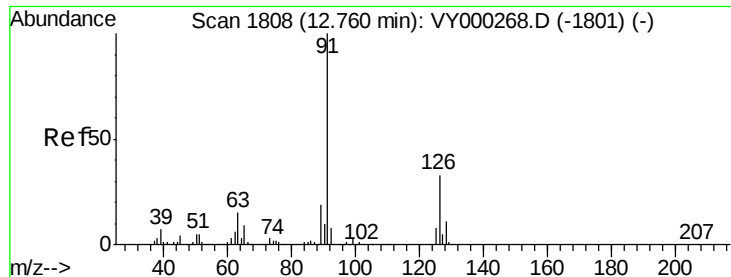
120 23.6 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 47.161 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. -0.01 min

Lab File: VY000400.D

Acq: 23 Oct 2019 22:32

Instrument :

MSVOA_Y

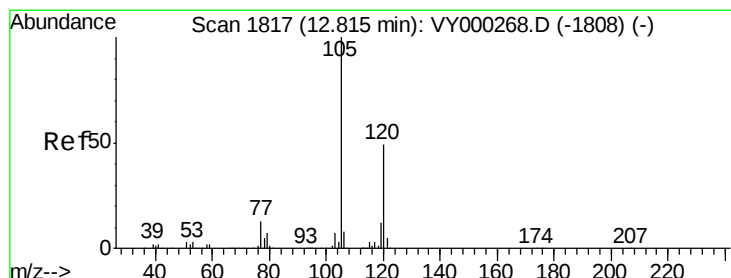
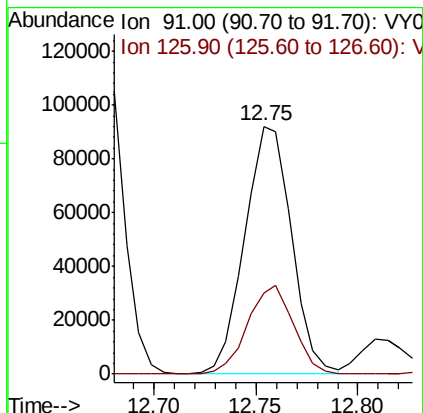
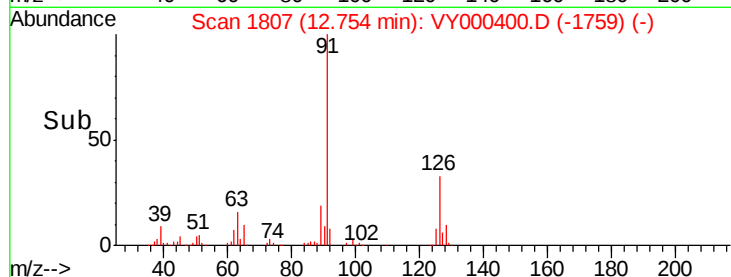
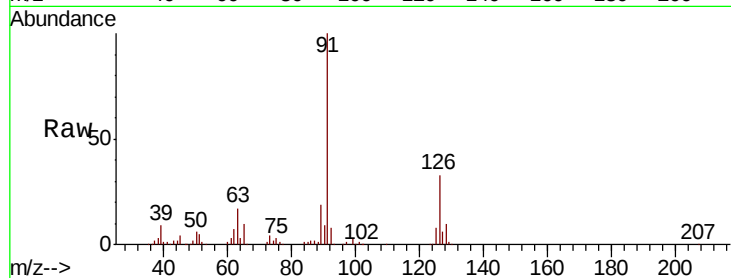
ClientSampleId :

Tot Ion: 91 Resp: 146923

Ion Ratio Lower Upper

91 100

126 35.3 17.1 51.3



#80

1,3,5-Trimethylbenzene

Concen: 46.326 ug/l

RT: 12.81 min Scan# 1817

Delta R.T. 0.00 min

Lab File: VY000400.D

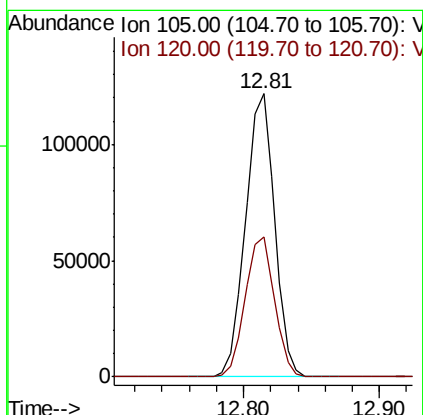
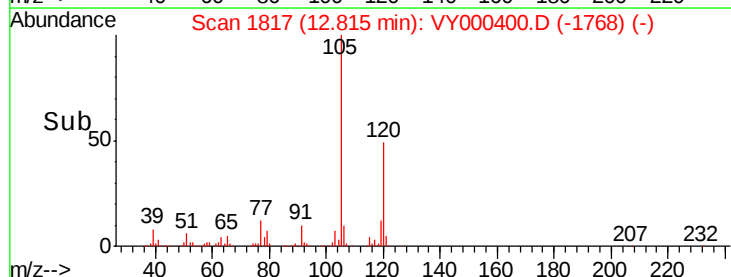
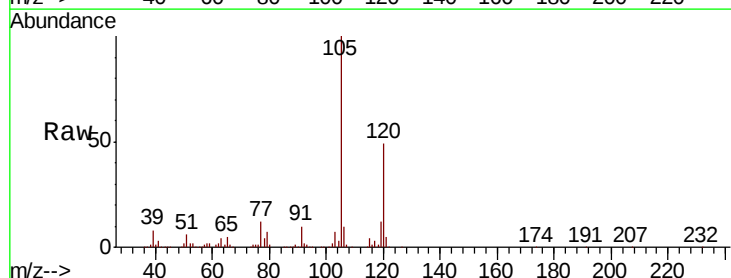
Acq: 23 Oct 2019 22:32

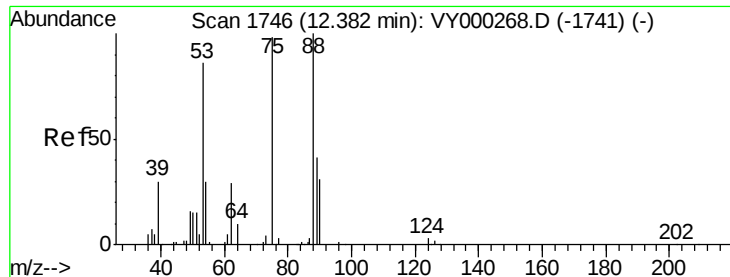
Tgt Ion:105 Resp: 182508

Ion Ratio Lower Upper

105 100

120 50.0 24.9 74.8





#81

trans-1,4-Dichloro-2-butene

Concen: 56.452 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. 0.00 min

Lab File: VY000400.D

Acq: 23 Oct 2019 22:32

Instrument :

MSVOA_Y

ClientSampleId :

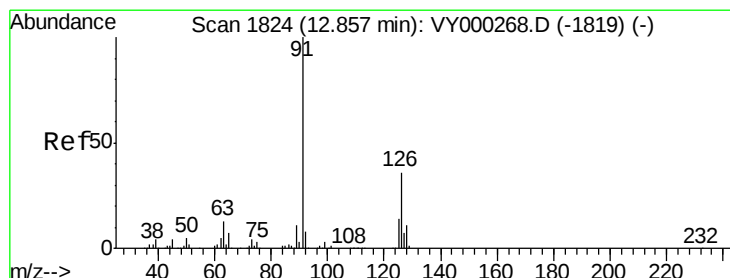
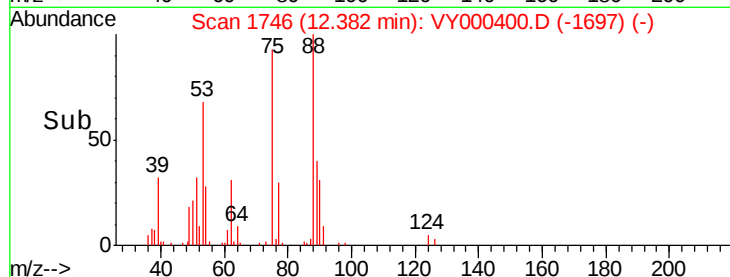
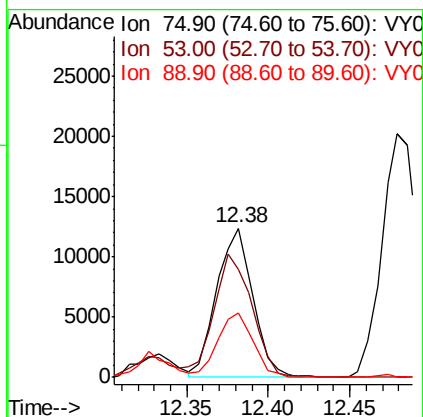
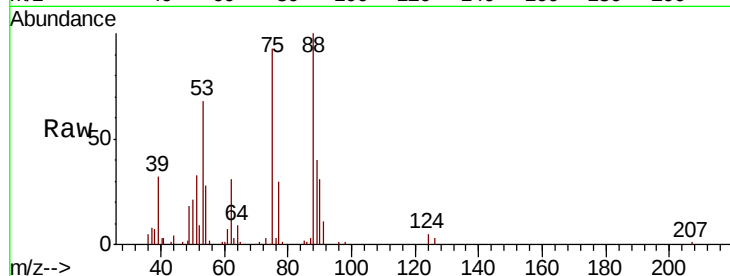
Tot Ion: 75 Resp: 19117

Ion Ratio Lower Upper

75 100

53 88.2 71.3 106.9

89 42.3 35.1 52.7



#82

4-Chlorotoluene

Concen: 47.091 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. -0.01 min

Lab File: VY000400.D

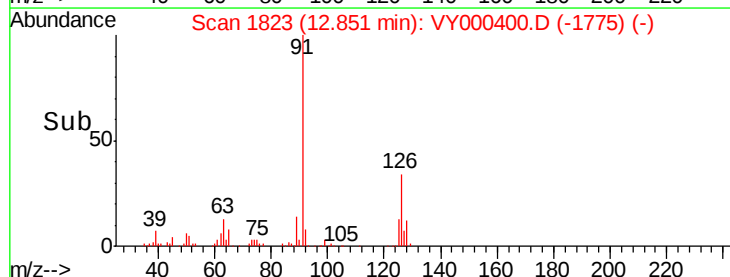
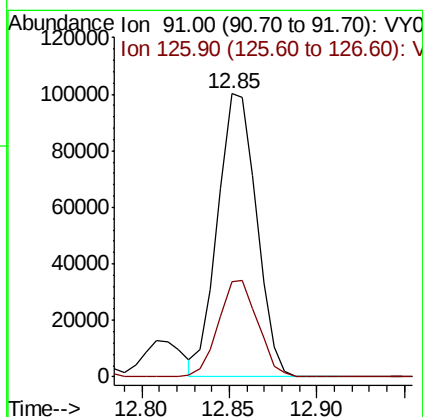
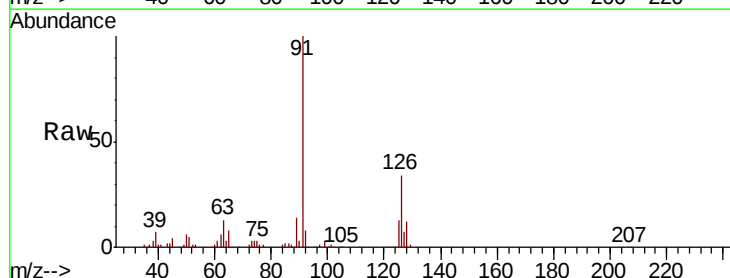
Acq: 23 Oct 2019 22:32

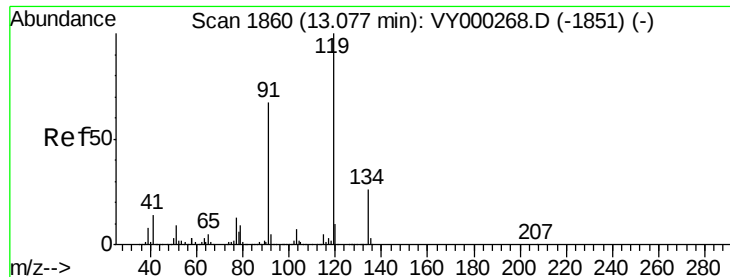
Tgt Ion: 91 Resp: 155072

Ion Ratio Lower Upper

91 100

126 34.7 17.2 51.5

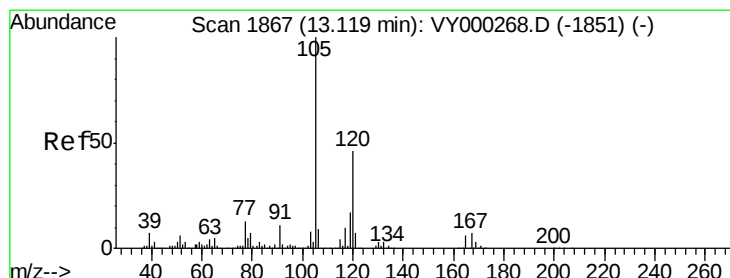
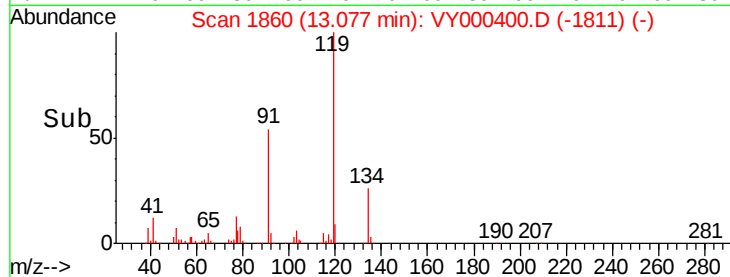
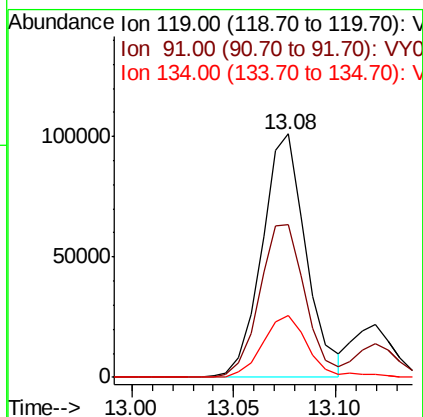
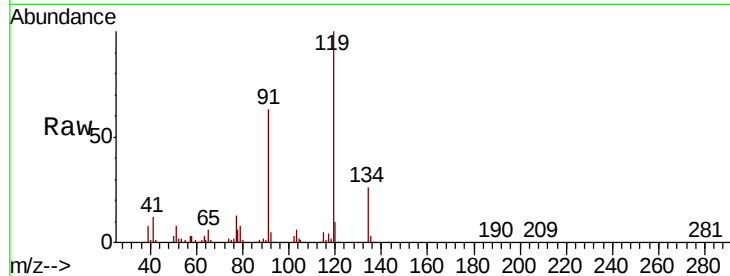




#83
tert-Butylbenzene
Concen: 45.375 ug/l
RT: 13.08 min Scan# 1860
Delta R.T. 0.00 min
Lab File: VY000400.D
Acq: 23 Oct 2019 22:32

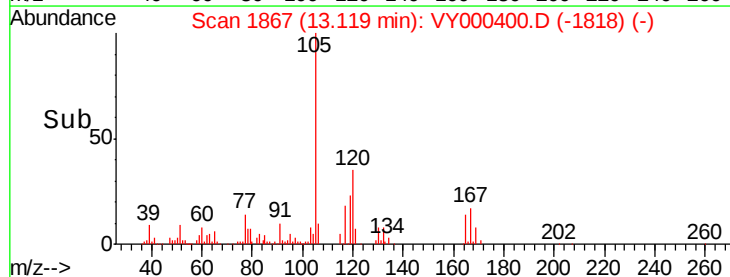
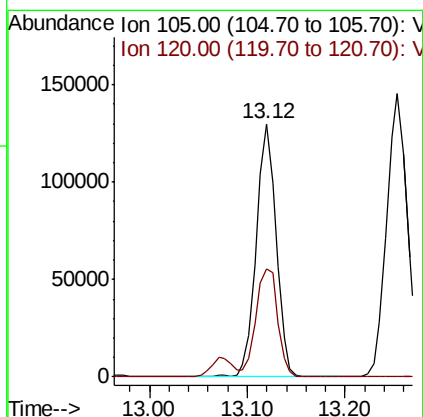
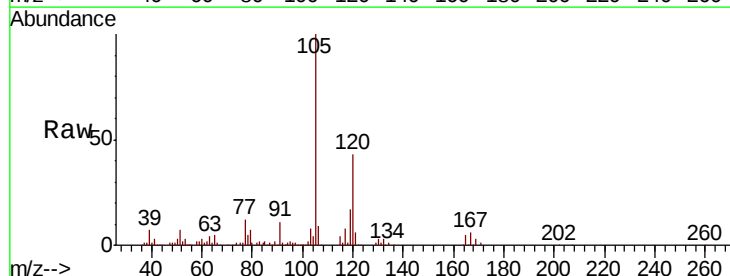
Instrument :
MSVOA_Y
ClientSampleId :

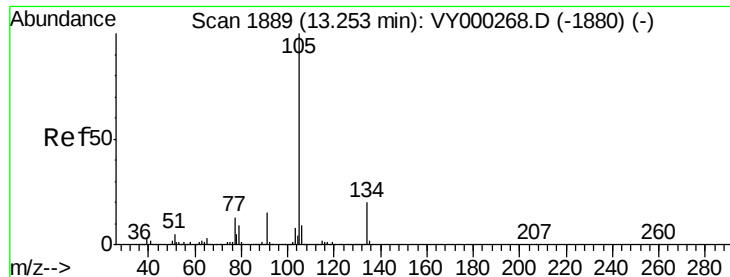
Tot Ion:119 Resp: 151381
Ion Ratio Lower Upper
119 100
91 65.2 32.9 98.7
134 27.0 13.3 39.8



#84
1,2,4-Trimethylbenzene
Concen: 47.552 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VY000400.D
Acq: 23 Oct 2019 22:32

Tgt Ion:105 Resp: 184894
Ion Ratio Lower Upper
105 100
120 46.5 22.9 68.8





#85

sec-Butylbenzene

Concen: 44.029 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VY000400.D

Acq: 23 Oct 2019 22:32

Instrument :

MSVOA_Y

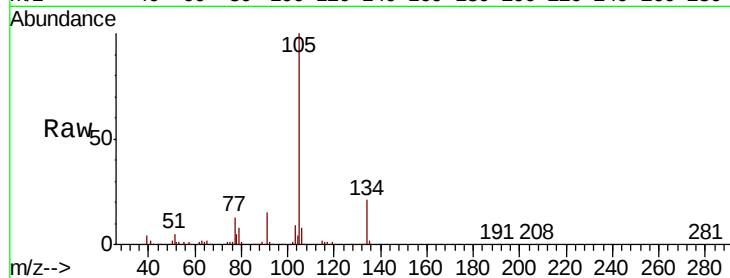
ClientSampleId :

Tot Ion:105 Resp: 212496

Ion Ratio Lower Upper

105 100

134 20.9 10.1 30.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.25

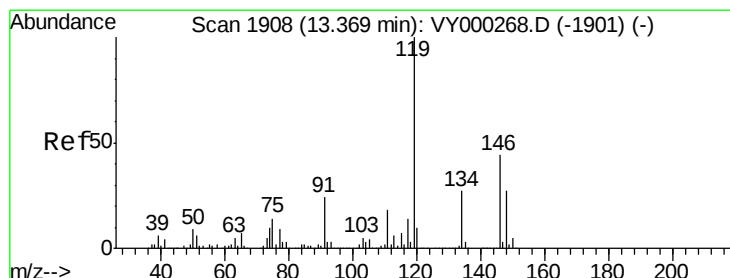
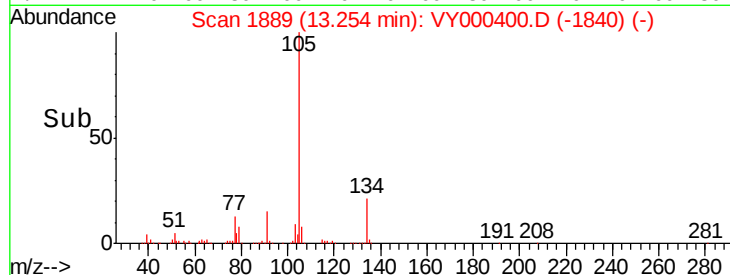
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 45.367 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.00 min

Lab File: VY000400.D

Acq: 23 Oct 2019 22:32

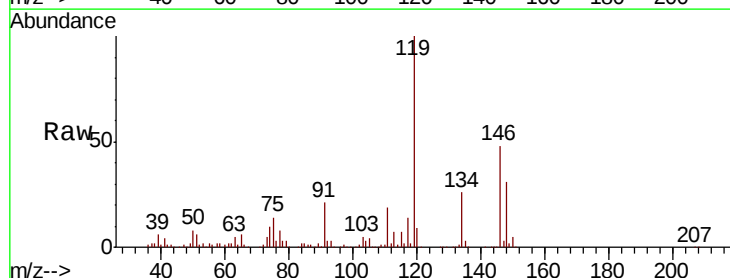
Tgt Ion:119 Resp: 190886

Ion Ratio Lower Upper

119 100

134 27.6 13.6 40.8

91 23.9 12.0 36.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

13.37

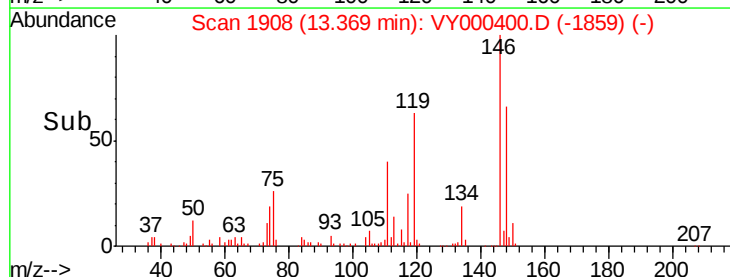
150000

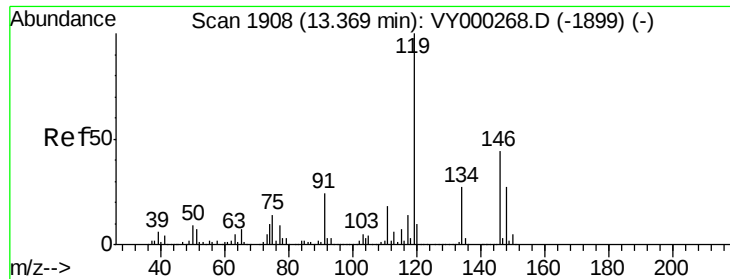
100000

50000

0

Time-->





#87

1,3-Dichlorobenzene

Concen: 50.249 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.00 min

Lab File: VY000400.D

Acq: 23 Oct 2019 22:32

Instrument :

MSVOA_Y

ClientSampleId :

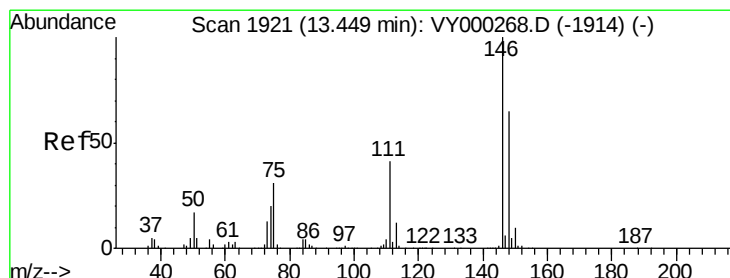
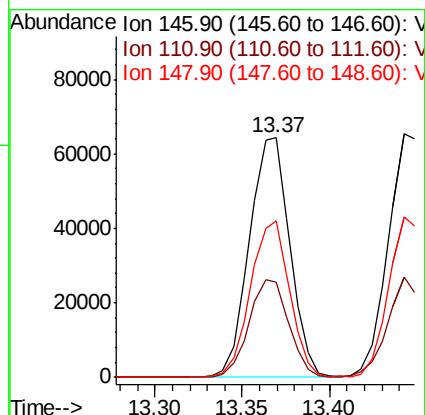
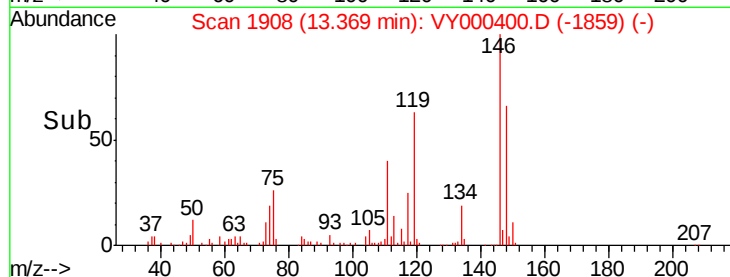
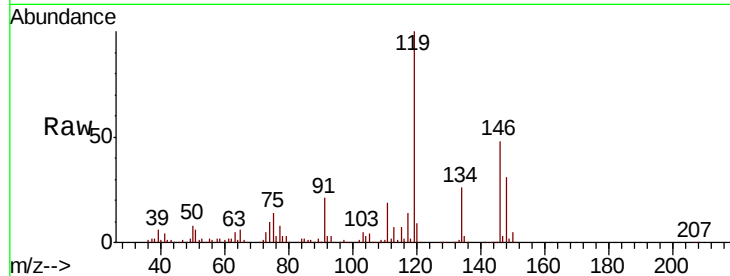
Tot Ion:146 Resp: 103506

Ion Ratio Lower Upper

146 100

111 40.0 20.6 61.8

148 63.4 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 50.717 ug/l

RT: 13.44 min Scan# 1920

Delta R.T. -0.01 min

Lab File: VY000400.D

Acq: 23 Oct 2019 22:32

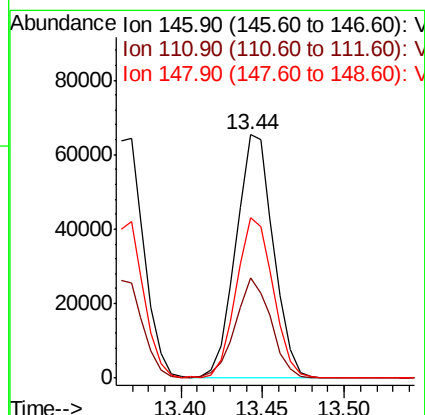
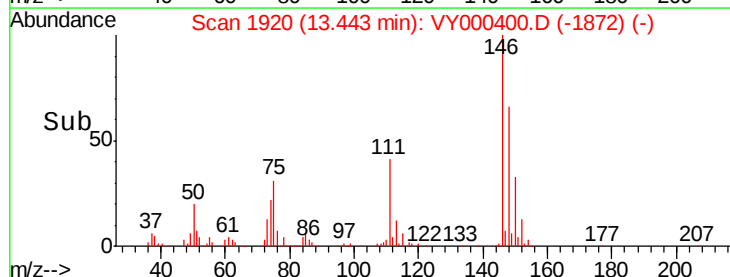
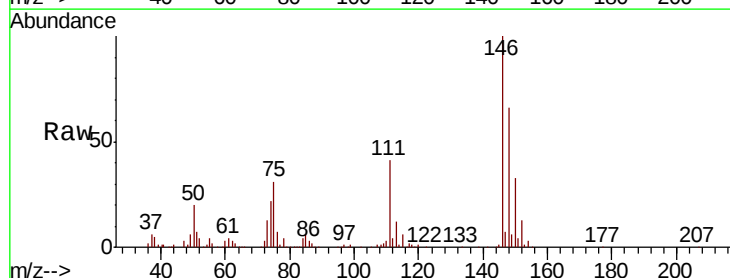
Tgt Ion:146 Resp: 104421

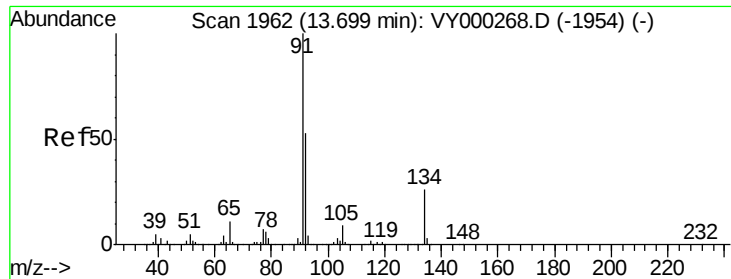
Ion Ratio Lower Upper

146 100

111 39.0 20.1 60.2

148 64.5 32.4 97.2

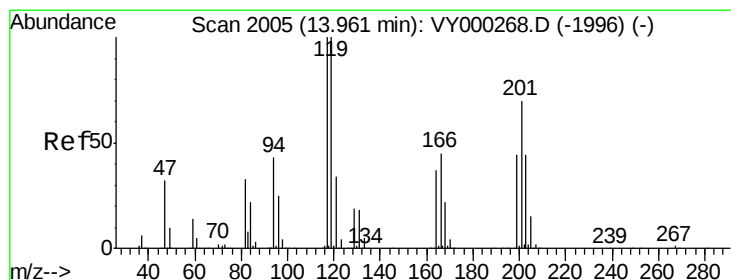
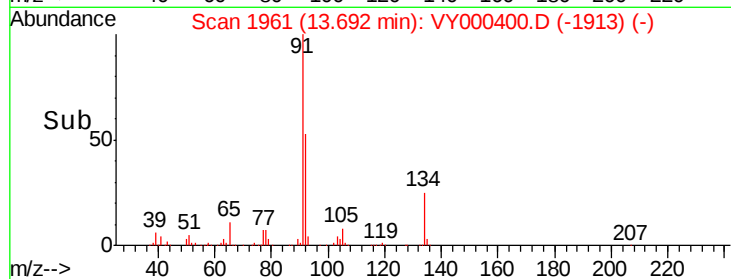
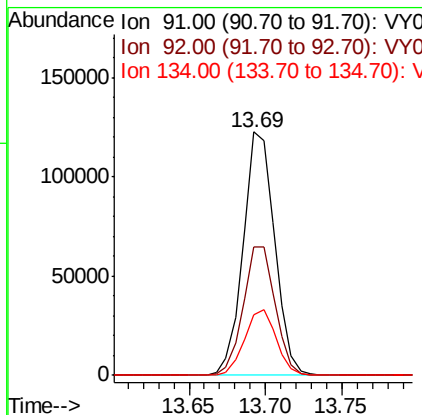
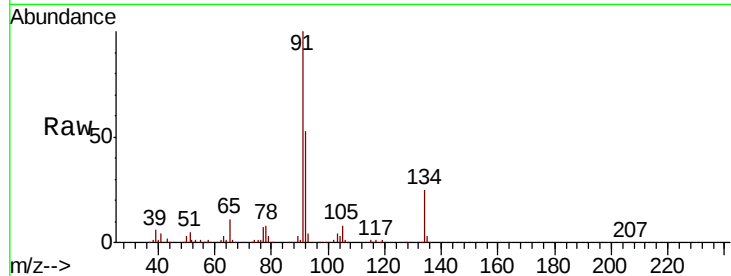




#89
n-Butylbenzene
Concen: 42.185 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. -0.01 min
Lab File: VY000400.D
Acq: 23 Oct 2019 22:32

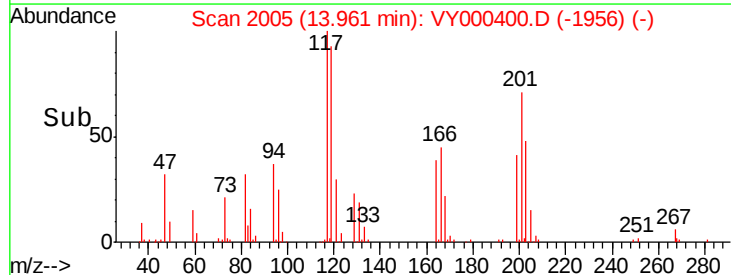
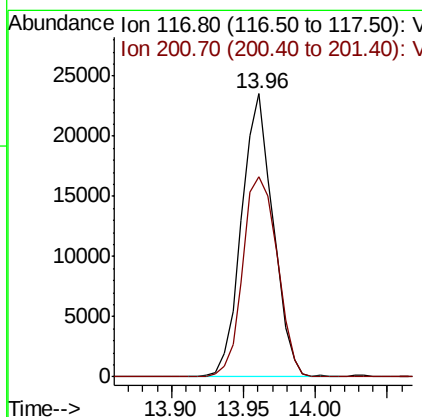
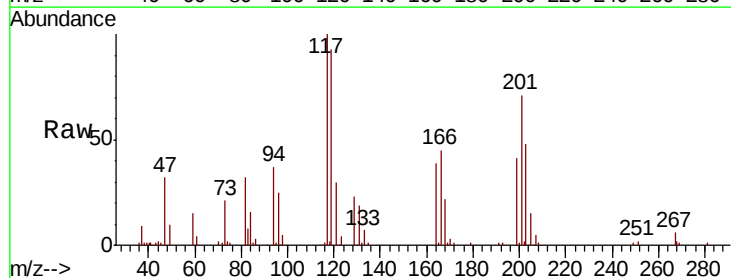
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 91 Resp: 175408
Ion Ratio Lower Upper
91 100
92 53.8 26.7 80.1
134 27.0 13.0 38.9



#90
Hexachloroethane
Concen: 45.780 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. 0.00 min
Lab File: VY000400.D
Acq: 23 Oct 2019 22:32

Tgt Ion: 117 Resp: 35669
Ion Ratio Lower Upper
117 100
201 77.6 36.3 108.7





#91

1,2-Dichlorobenzene

Concen: 55.112 ug/l

RT: 13.74 min Scan# 1969

Delta R.T. 0.00 min

Lab File: VY000400.D

Acq: 23 Oct 2019 22:32

Instrument :

MSVOA_Y

ClientSampleId :

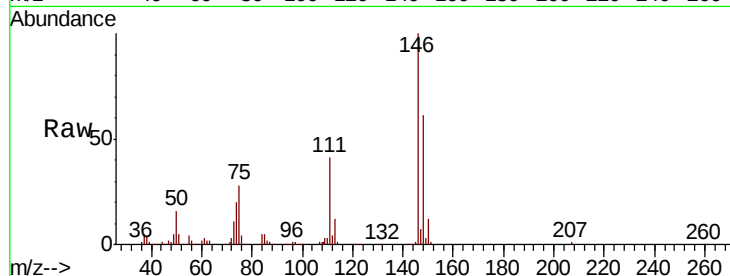
Tot Ion:146 Resp: 102738

Ion Ratio Lower Upper

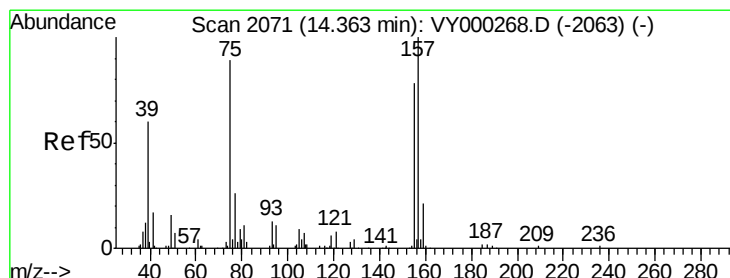
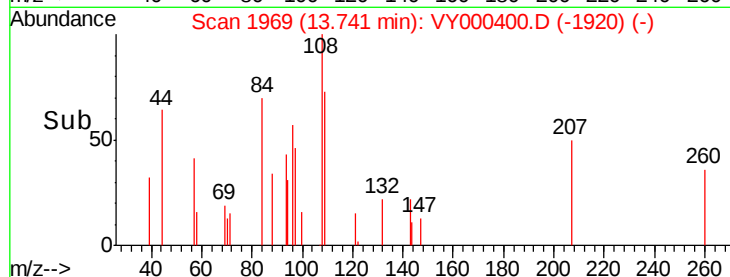
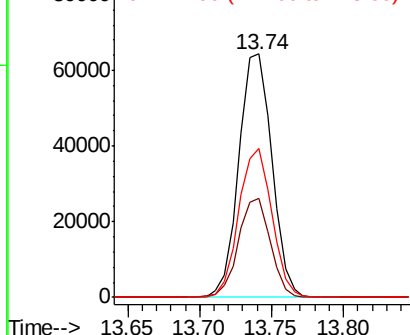
146 100

111 39.4 20.5 61.5

148 61.1 31.6 95.0



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 61.631 ug/l

RT: 14.36 min Scan# 2070

Delta R.T. -0.01 min

Lab File: VY000400.D

Acq: 23 Oct 2019 22:32

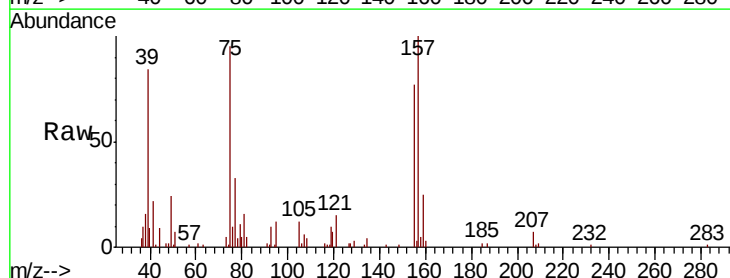
Tgt Ion: 75 Resp: 10311

Ion Ratio Lower Upper

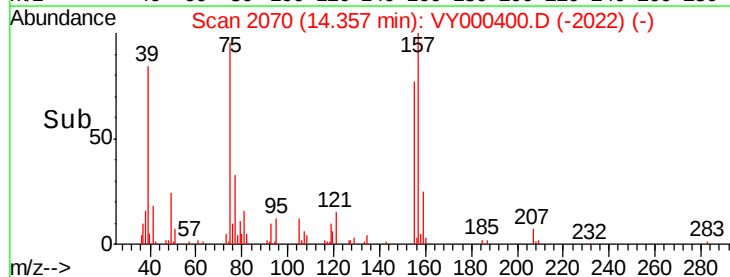
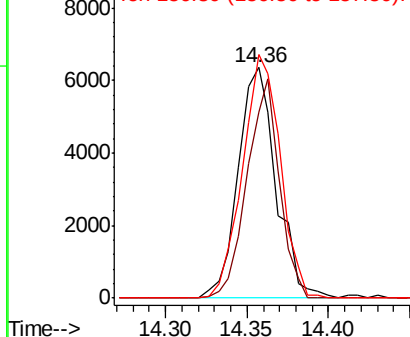
75 100

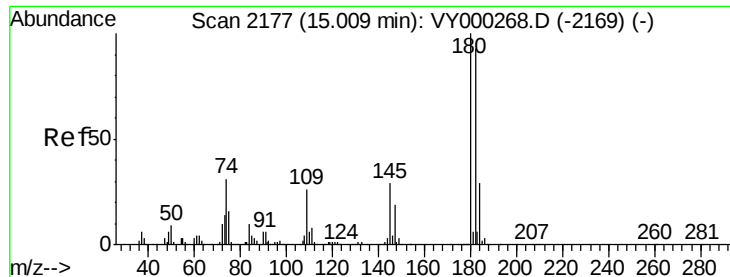
155 80.8 45.8 137.3

157 105.2 55.6 166.9



Abundance Ion 74.90 (74.60 to 75.60): VY0
Ion 154.80 (154.50 to 155.50): V
Ion 156.80 (156.50 to 157.50): V

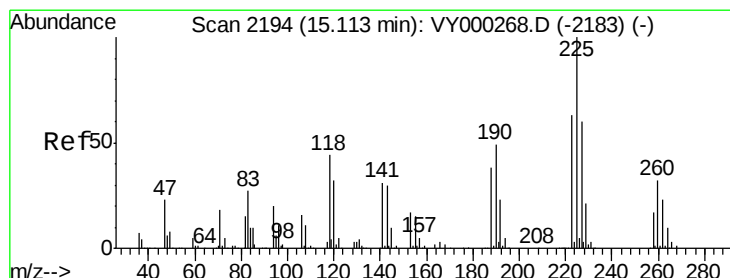
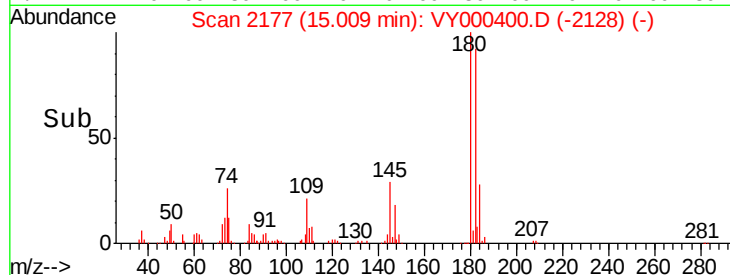
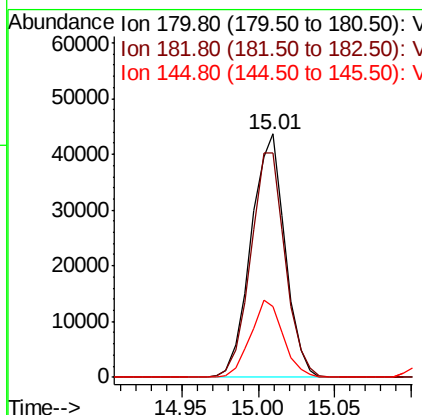
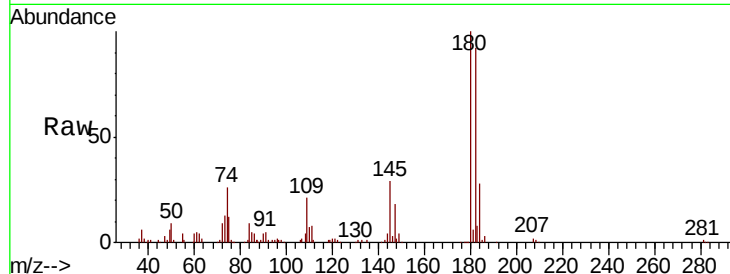




#93
 1,2,4-Trichlorobenzene
 Concen: 52.009 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VY000400.D
 Acq: 23 Oct 2019 22:32

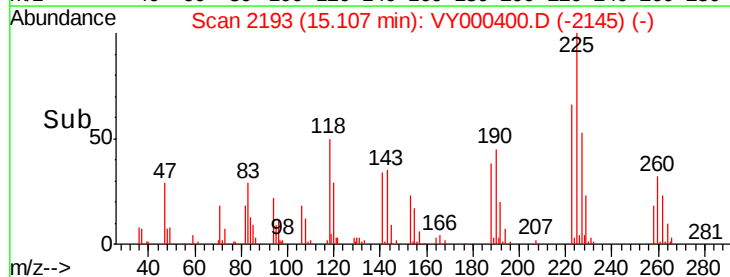
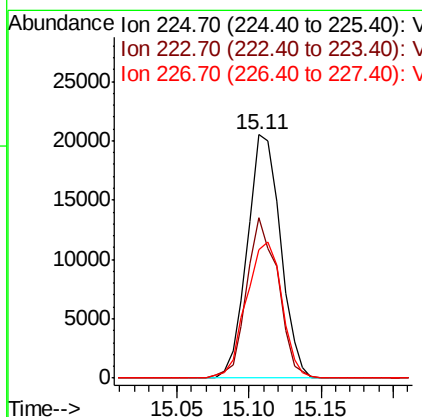
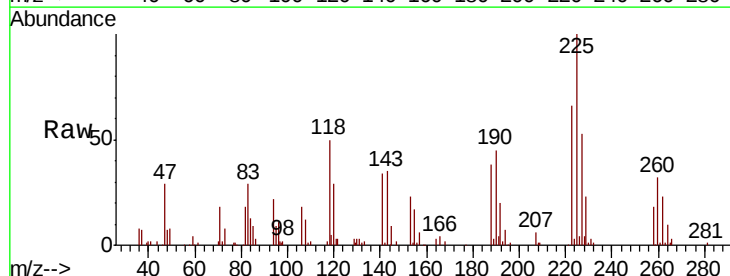
Instrument :
 MSVOA_Y
 ClientSampleId :

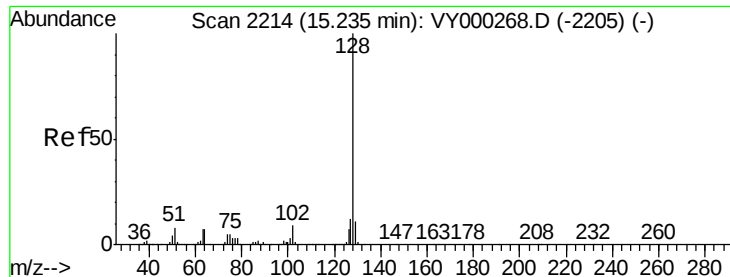
Tot Ion:180 Resp: 67502
 Ion Ratio Lower Upper
 180 100
 182 93.9 47.5 142.6
 145 30.4 15.4 46.1



#94
 Hexachlorobutadiene
 Concen: 46.495 ug/l
 RT: 15.11 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: VY000400.D
 Acq: 23 Oct 2019 22:32

Tgt Ion:225 Resp: 32657
 Ion Ratio Lower Upper
 225 100
 223 62.1 31.9 95.7
 227 59.8 31.4 94.2





#95

Naphthalene

Concen: 58.503 ug/l

RT: 15.23 min Scan# 2214

Delta R.T. 0.00 min

Lab File: VY000400.D

Acq: 23 Oct 2019 22:32

Instrument :

MSVOA_Y

ClientSampled :

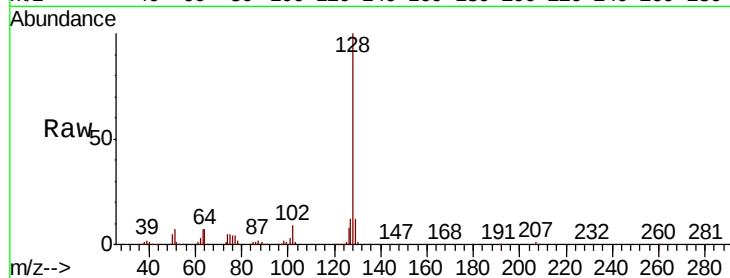
Tot Ion:128 Resp: 169449

Ion Ratio Lower Upper

128 100

127 11.7 9.6 14.4

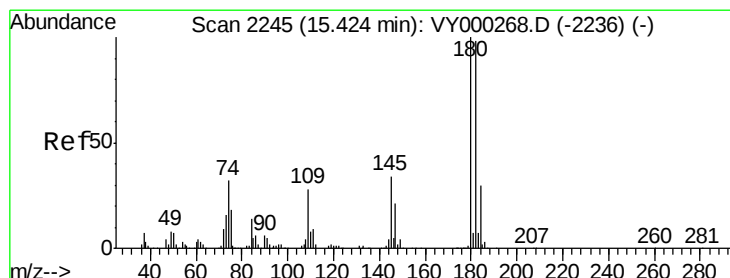
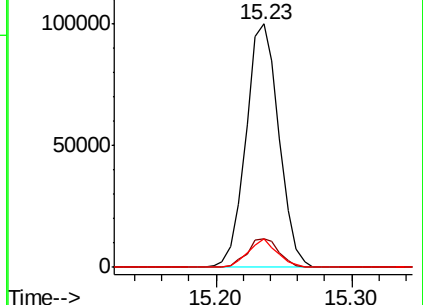
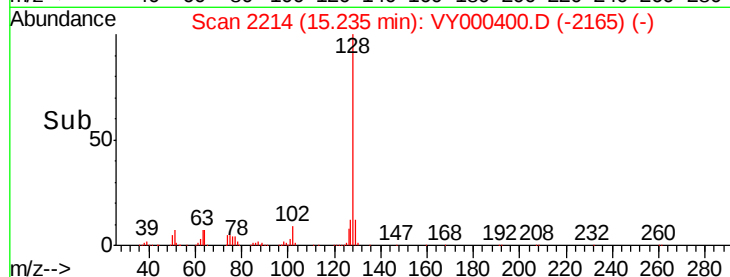
129 10.4 8.7 13.1



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: 56.032 ug/l

RT: 15.42 min Scan# 2244

Delta R.T. -0.01 min

Lab File: VY000400.D

Acq: 23 Oct 2019 22:32

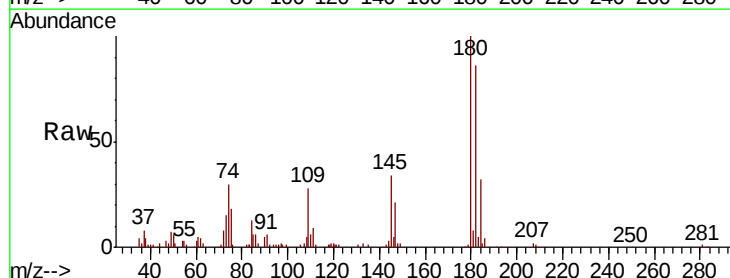
Tgt Ion:180 Resp: 65542

Ion Ratio Lower Upper

180 100

182 91.0 46.5 139.5

145 31.6 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

