

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY102219\
 Data File : VY000360.D
 Acq On : 22 Oct 2019 13:18
 Operator : SY/MD
 Sample : VY1022SBS01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1022SBS01

Quant Time: Oct 23 08:01:39 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	270013	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	441152	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	393123	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	194343	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	143891	50.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.04%	
35) Dibromofluoromethane	7.73	113	135746	51.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.02%	
50) Toluene-d8	10.19	98	539233	52.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.36%	
62) 4-Bromofluorobenzene	12.49	95	193243	49.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.38%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.90	85	51795	21.829 ug/l	96
3) Chloromethane	2.12	50	69694	21.123 ug/l	98
4) Vinyl Chloride	2.26	62	69456	20.858 ug/l	96
5) Bromomethane	2.64	94	50956	20.648 ug/l	94
6) Chloroethane	2.79	64	44700	20.805 ug/l	100
7) Trichlorofluoromethane	3.13	101	94332	20.710 ug/l	99
8) Diethyl Ether	3.54	74	33023	20.522 ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.91	101	59048	21.376 ug/l	98
10) Methyl Iodide	4.10	142	74822	19.751 ug/l	99
11) Tert butyl alcohol	4.97	59	27264	91.469 ug/l	97
12) 1,1-Dichloroethene	3.88	96	56634	20.767 ug/l	87
13) Acrolein	3.74	56	26867	76.883 ug/l	100
14) Allyl chloride	4.49	41	90736	20.078 ug/l	99
15) Acrylonitrile	5.18	53	85472	94.900 ug/l	97
16) Acetone	3.96	43	69932	75.817 ug/l	95
17) Carbon Disulfide	4.19	76	169161	19.701 ug/l	98
18) Methyl Acetate	4.49	43	43900	19.156 ug/l	99
19) Methyl tert-butyl Ether	5.23	73	158864	20.926 ug/l	99
20) Methylene Chloride	4.72	84	69189	18.880 ug/l	98
21) trans-1,2-Dichloroethene	5.23	96	63885	20.419 ug/l #	91
22) Diisopropyl ether	6.13	45	202431	21.179 ug/l	97
23) Vinyl Acetate	6.08	43	633286	101.558 ug/l	100
24) 1,1-Dichloroethane	6.04	63	108919	20.877 ug/l	99
25) 2-Butanone	7.00	43	120999	93.124 ug/l	95
26) 2,2-Dichloropropane	7.00	77	105331	21.910 ug/l	97
27) cis-1,2-Dichloroethene	7.00	96	73013	21.566 ug/l	96
28) Bromochloromethane	7.34	49	42542	18.995 ug/l #	16
29) Tetrahydrofuran	7.36	42	76411	97.037 ug/l	98
30) Chloroform	7.52	83	110617	21.053 ug/l	97
31) Cyclohexane	7.80	56	110388	20.258 ug/l	93
32) 1,1,1-Trichloroethane	7.72	97	95872	20.524 ug/l	99
36) 1,1-Dichloropropene	7.93	75	88170	20.414 ug/l	99
37) Ethyl Acetate	7.09	43	51452	20.118 ug/l	99
38) Carbon Tetrachloride	7.91	117	85753	20.505 ug/l	99

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Instrument :
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 ClientSampleId :
 VY1022SBS01

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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)
39) Methylcyclohexane	9.19	83	112767	19.948	ug/l	96
40) Benzene	8.17	78	257956	20.666	ug/l	99
41) Methacrylonitrile	7.36	41	67201	55.202	ug/l #	25
42) 1,2-Dichloroethane	8.25	62	75415	21.152	ug/l	99
43) Isopropyl Acetate	8.28	43	95223	19.582	ug/l	98
44) Trichloroethene	8.95	130	71846	20.514	ug/l	99
45) 1,2-Dichloropropane	9.22	63	66237	21.624	ug/l	98
46) Dibromomethane	9.32	93	35214	20.565	ug/l	99
47) Bromodichloromethane	9.50	83	84382	20.910	ug/l	94
48) Methyl methacrylate	9.30	41	41739	19.585	ug/l	97
49) 1,4-Dioxane	9.32	88	9339	363.750	ug/l	95
51) 4-Methyl-2-Pentanone	10.08	43	256027	102.080	ug/l	100
52) Toluene	10.25	92	165465	20.880	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	89781	20.760	ug/l	99
54) cis-1,3-Dichloropropene	9.94	75	102216	20.812	ug/l	98
55) 1,1,2-Trichloroethane	10.65	97	52407	21.050	ug/l	95
56) Ethyl methacrylate	10.52	69	71073	20.028	ug/l	96
57) 1,3-Dichloropropane	10.80	76	90719	21.217	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.79	63	173419	122.518	ug/l	99
59) 2-Hexanone	10.84	43	184016	104.527	ug/l	100
60) Dibromochloromethane	10.99	129	58398	21.163	ug/l	97
61) 1,2-Dibromoethane	11.10	107	48881	20.448	ug/l	99
64) Tetrachloroethene	10.72	164	79041	21.119	ug/l	96
65) Chlorobenzene	11.52	112	177056	21.341	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.60	131	61458	21.087	ug/l	99
67) Ethyl Benzene	11.60	91	319769	20.791	ug/l	96
68) m/p-Xylenes	11.70	106	242384	41.225	ug/l	99
69) o-Xylene	12.03	106	118404	21.110	ug/l	98
70) Styrene	12.05	104	195681	20.686	ug/l	99
71) Bromoform	12.21	173	35001	20.891	ug/l #	100
73) Isopropylbenzene	12.33	105	310843	20.513	ug/l	99
74) N-amyl acetate	12.14	43	86295	23.196	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	56293	19.785	ug/l	100
76) 1,2,3-Trichloropropane	12.64	75	82473	34.511	ug/l #	100
77) Bromobenzene	12.61	156	70333	20.858	ug/l	97
78) n-propylbenzene	12.67	91	376684	20.704	ug/l	100
79) 2-Chlorotoluene	12.76	91	211078	21.007	ug/l	98
80) 1,3,5-Trimethylbenzene	12.81	105	263147	20.709	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	21385	19.579	ug/l	99
82) 4-Chlorotoluene	12.86	91	221741	20.877	ug/l	100
83) tert-Butylbenzene	13.08	119	222567	20.684	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	265307	21.155	ug/l	99
85) sec-Butylbenzene	13.25	105	323046	20.753	ug/l	98
86) p-Isopropyltoluene	13.37	119	288970	21.293	ug/l	100
87) 1,3-Dichlorobenzene	13.37	146	137781	20.738	ug/l	98
88) 1,4-Dichlorobenzene	13.45	146	139156	20.955	ug/l	99
89) n-Butylbenzene	13.70	91	280686	20.929	ug/l	99
90) Hexachloroethane	13.96	117	52507	20.894	ug/l	97
91) 1,2-Dichlorobenzene	13.74	146	127677	21.235	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	10748	19.918	ug/l	95

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ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY1022SBSD01

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

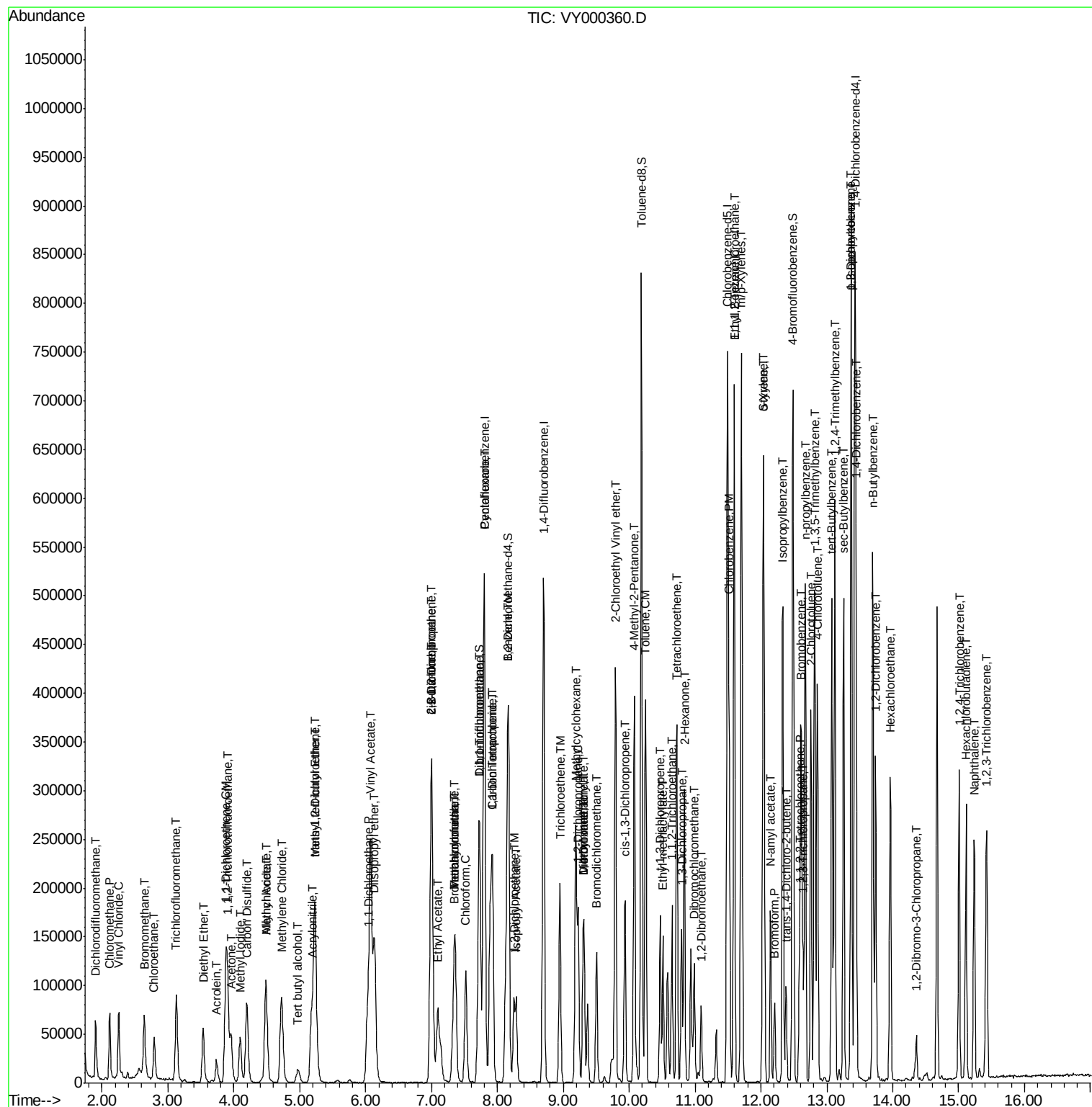
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	90564	21.634	ug/l	97
94) Hexachlorobutadiene	15.11	225	47504	20.969	ug/l	98
95) Naphthalene	15.23	128	196199	21.002	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	79160	20.982	ug/l	96

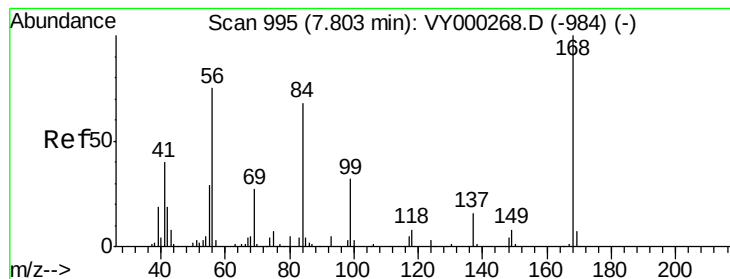
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_Y\DATA\VY102219\
 Data File : VY000360.D
 Acq On : 22 Oct 2019 13:18
 Operator : SY/MD
 Sample : VY1022SBSD01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.00 min

Lab File: VY000360.D

Acq: 22 Oct 2019 13:18

Instrument :

MSVOA_Y

ClientSampleId :

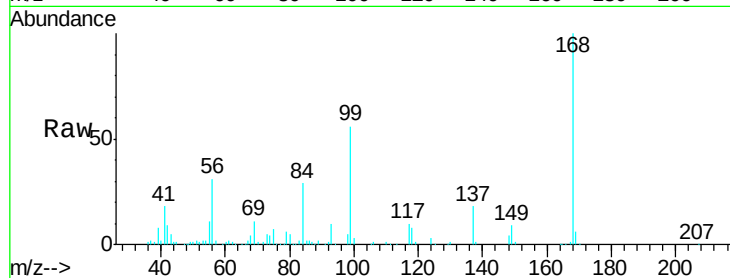
VY1022SBS01

Tgt Ion:168 Resp: 270013

Ion Ratio Lower Upper

168 100

99 55.7 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): VY000360.D (-946) (-)

Ion 98.90 (98.60 to 99.60): VY000360.D (-946) (-)

7.80

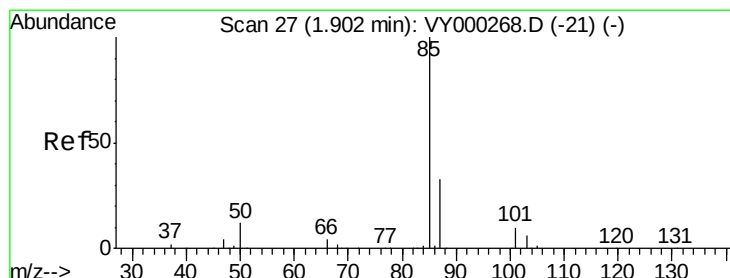
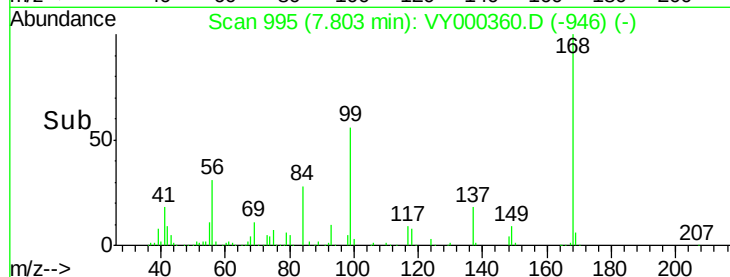
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 21.829 ug/l

RT: 1.90 min Scan# 27

Delta R.T. 0.00 min

Lab File: VY000360.D

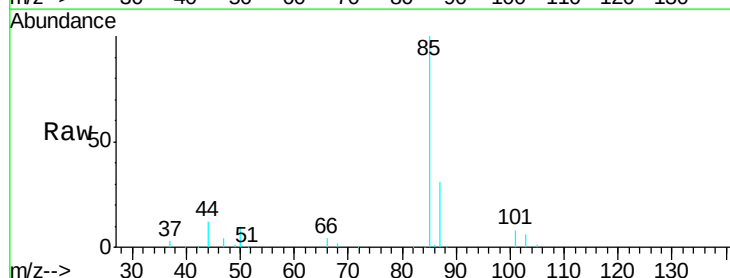
Acq: 22 Oct 2019 13:18

Tgt Ion: 85 Resp: 51795

Ion Ratio Lower Upper

85 100

87 30.8 16.6 49.8



Abundance Ion 84.90 (84.60 to 85.60): VY000360.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY000360.D (-1) (-)

1.90

40000

30000

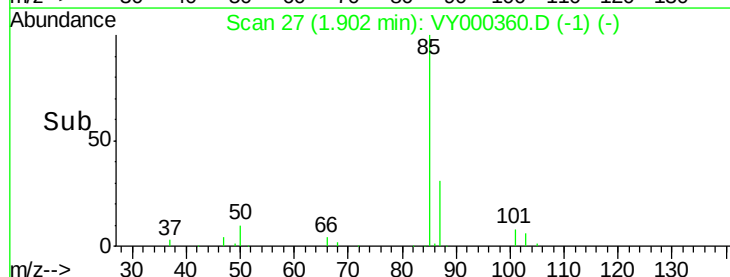
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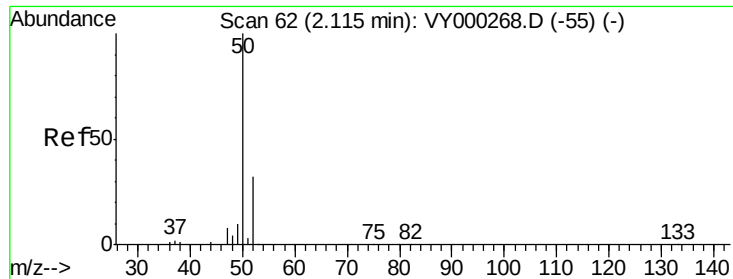
10000

0

1.85 1.90 1.95 2.00

Time-->





#3

Chloromethane

Concen: 21.123 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY000360.D

Acq: 22 Oct 2019 13:18

Instrument :

MSVOA_Y

ClientSampleId :

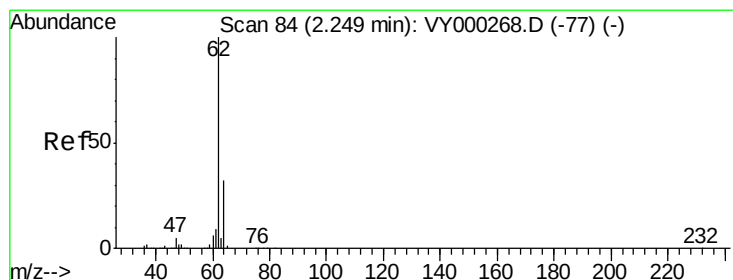
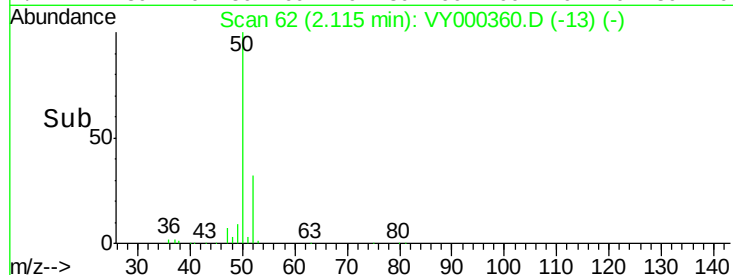
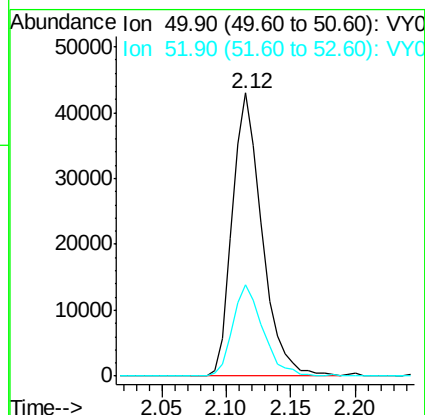
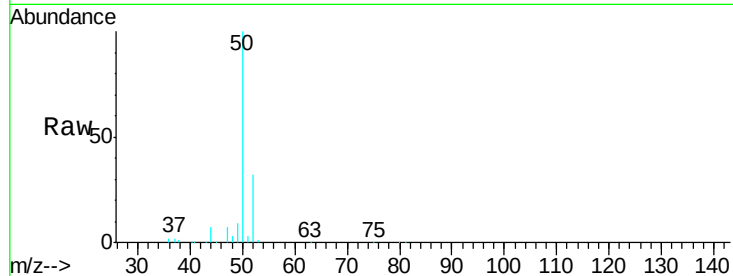
VY1022SBS01

Tgt Ion: 50 Resp: 69694

Ion Ratio Lower Upper

50 100

52 32.5 25.3 37.9



#4

Vinyl Chloride

Concen: 20.858 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.01 min

Lab File: VY000360.D

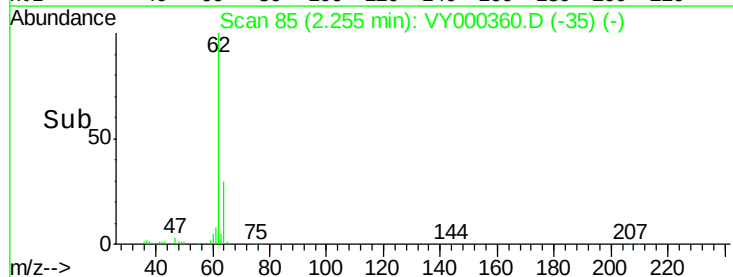
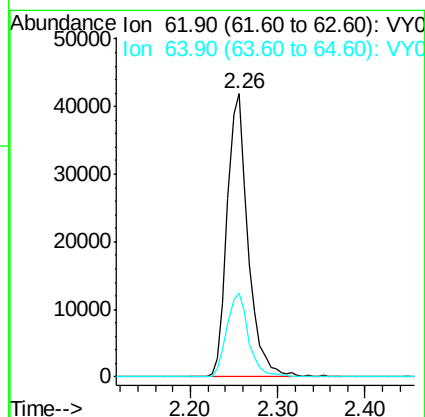
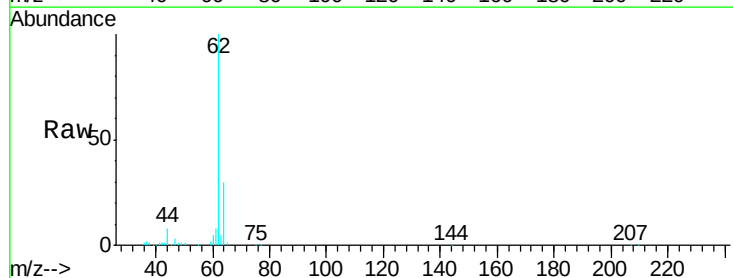
Acq: 22 Oct 2019 13:18

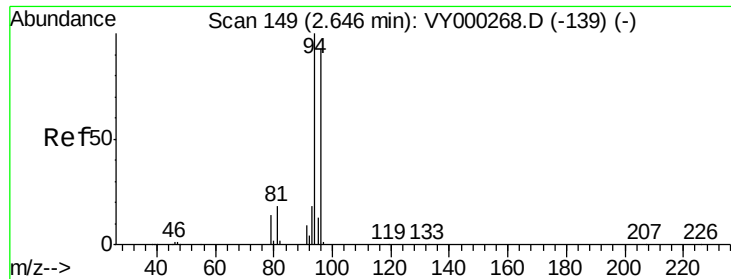
Tgt Ion: 62 Resp: 69456

Ion Ratio Lower Upper

62 100

64 29.6 25.6 38.4





#5

Bromomethane

Concen: 20.648 ug/l

RT: 2.64 min Scan# 148

Delta R.T. -0.01 min

Lab File: VY000360.D

Acq: 22 Oct 2019 13:18

Instrument :

MSVOA_Y

ClientSampleId :

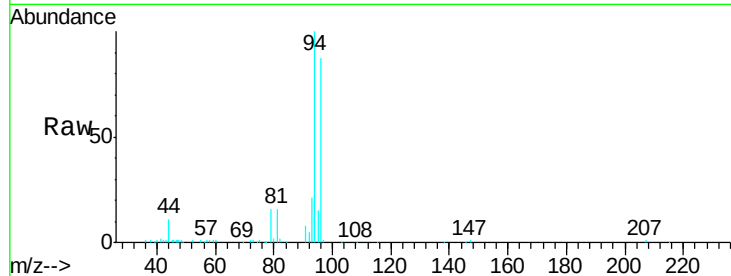
VY1022SBS01

Tgt Ion: 94 Resp: 50956

Ion Ratio Lower Upper

94 100

96 87.3 74.2 111.2



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0

2.64

25000

20000

15000

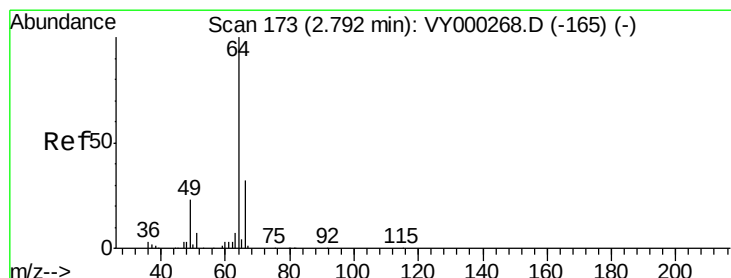
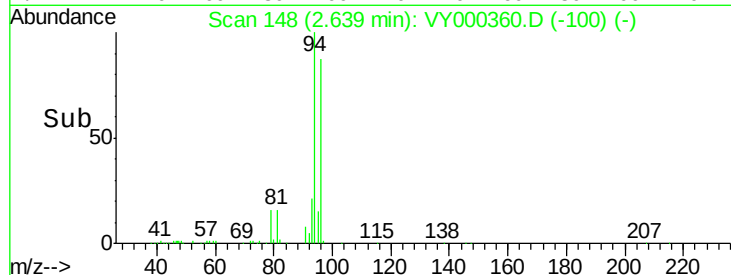
10000

5000

0

Time-->

2.60 2.70 2.80



#6

Chloroethane

Concen: 20.805 ug/l

RT: 2.79 min Scan# 173

Delta R.T. -0.00 min

Lab File: VY000360.D

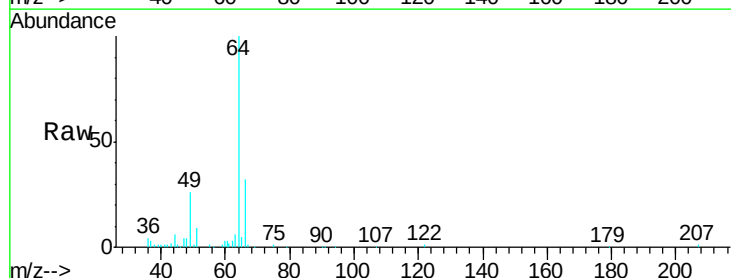
Acq: 22 Oct 2019 13:18

Tgt Ion: 64 Resp: 44700

Ion Ratio Lower Upper

64 100

66 31.9 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0

2.79

25000

20000

15000

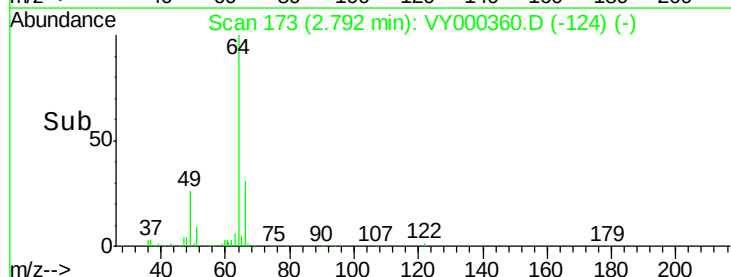
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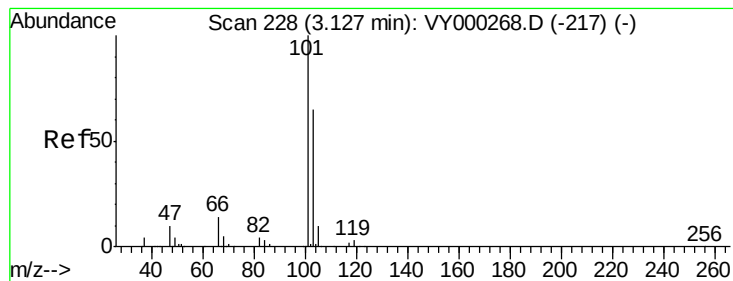
5000

0

Time-->

2.70 2.80 2.90



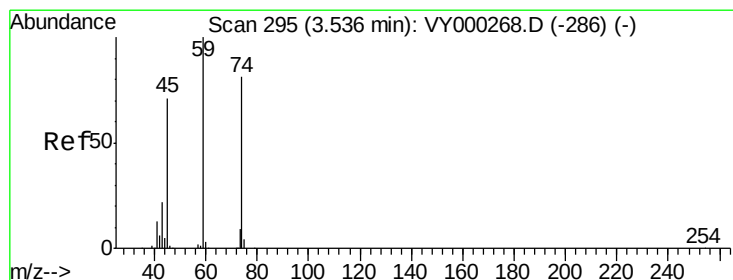
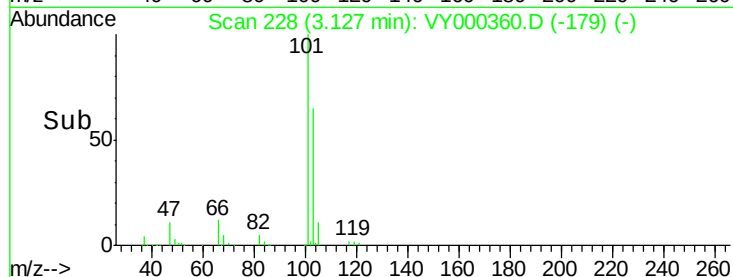
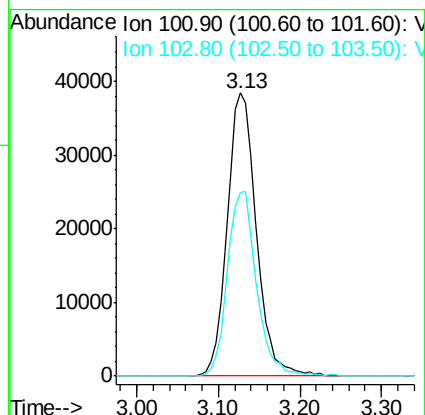
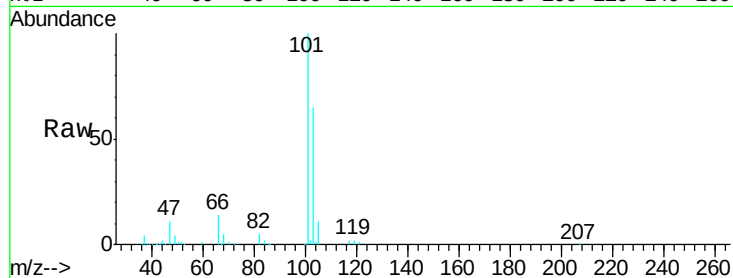


#7

Trichlorofluoromethane
Concen: 20.710 ug/l
RT: 3.13 min Scan# 228
Delta R.T. -0.00 min
Lab File: VY000360.D
Acq: 22 Oct 2019 13:18

Instrument :
MSVOA_Y
ClientSampleId :
VY1022SBS01

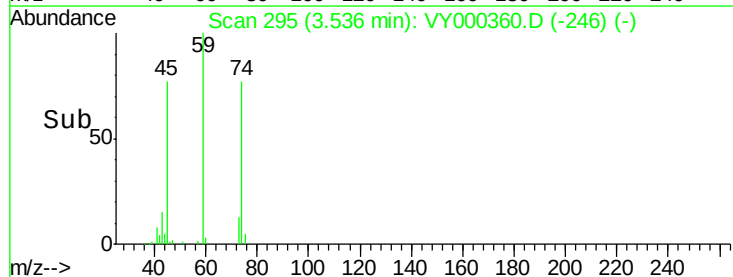
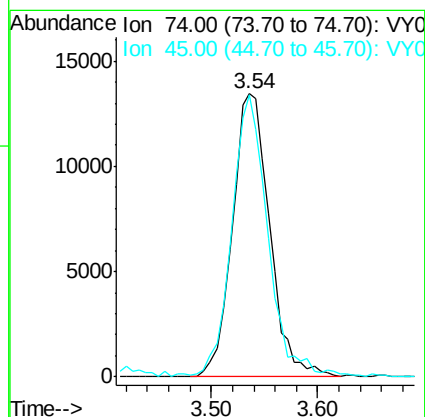
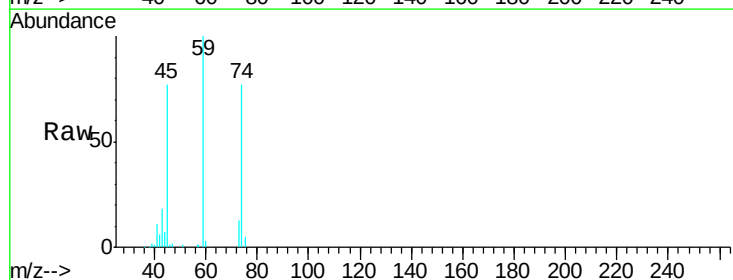
Tgt Ion:101 Resp: 94332
Ion Ratio Lower Upper
101 100
103 64.9 52.2 78.4

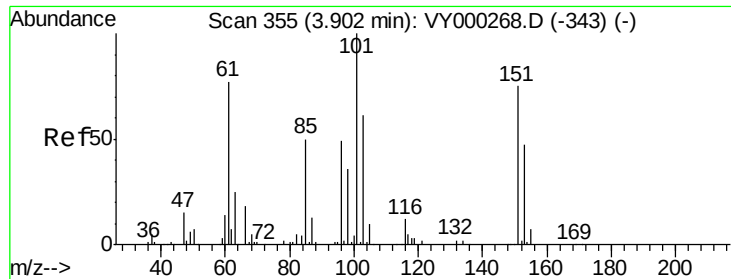


#8

Diethyl Ether
Concen: 20.522 ug/l
RT: 3.54 min Scan# 295
Delta R.T. -0.00 min
Lab File: VY000360.D
Acq: 22 Oct 2019 13:18

Tgt Ion: 74 Resp: 33023
Ion Ratio Lower Upper
74 100
45 92.9 47.1 141.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.376 ug/l

RT: 3.91 min Scan# 356

Delta R.T. 0.01 min

Lab File: VY000360.D

Acq: 22 Oct 2019 13:18

Instrument :

MSVOA_Y

ClientSampleId :

VY1022SBSD01

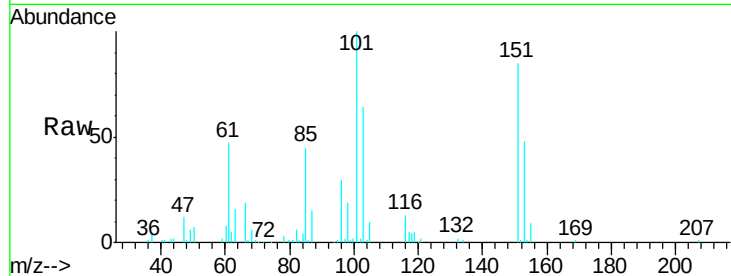
Tgt Ion:101 Resp: 59048

Ion Ratio Lower Upper

101 100

85 45.1 36.6 55.0

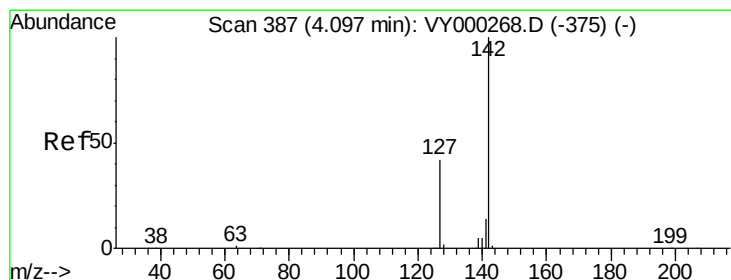
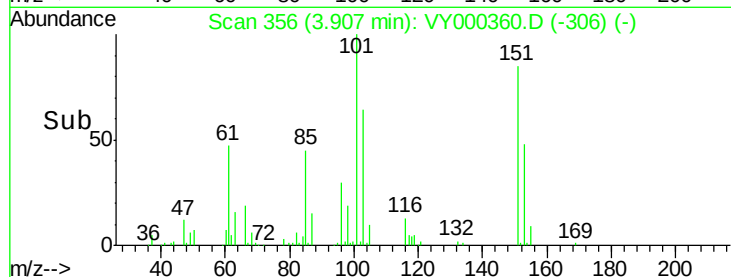
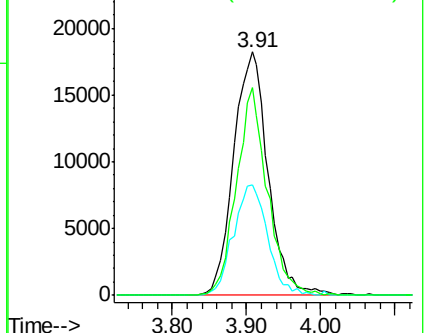
151 76.7 63.1 94.7



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: 19.751 ug/l

RT: 4.10 min Scan# 387

Delta R.T. 0.00 min

Lab File: VY000360.D

Acq: 22 Oct 2019 13:18

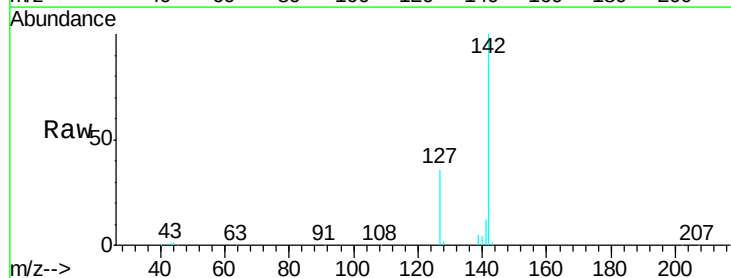
Tgt Ion:142 Resp: 74822

Ion Ratio Lower Upper

142 100

127 42.0 33.9 50.9

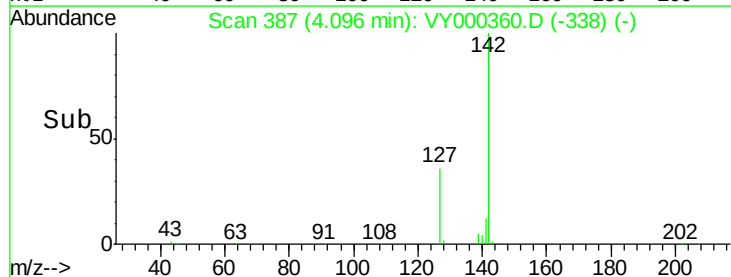
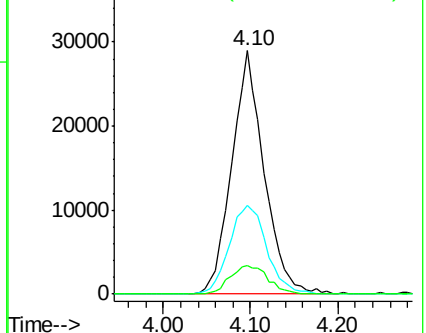
141 13.7 11.2 16.8

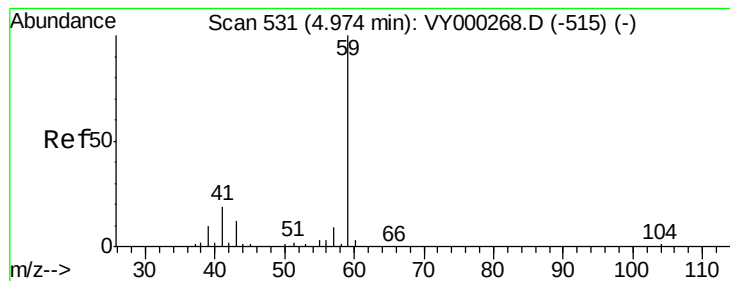


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



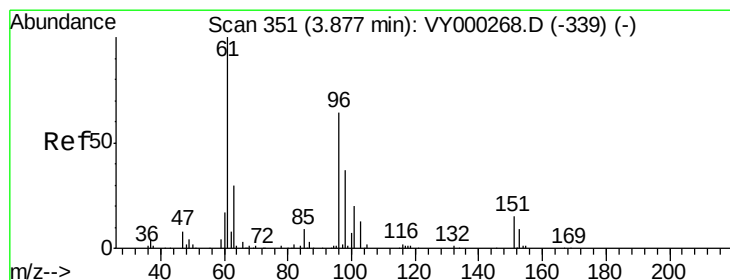
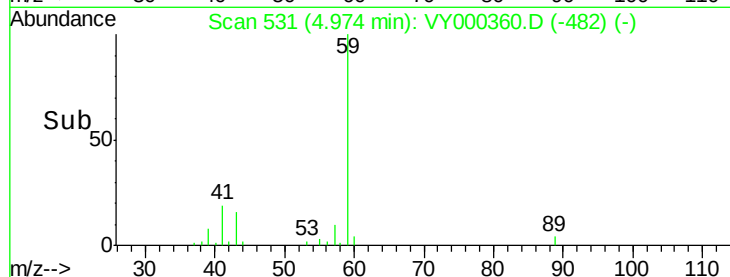
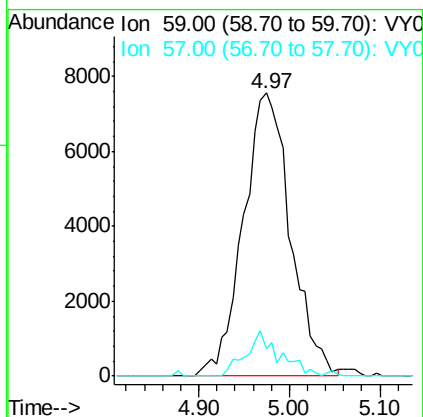
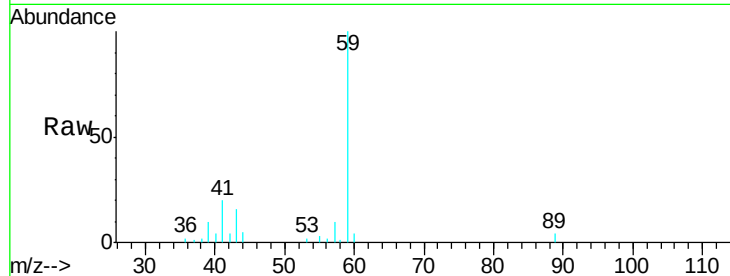


#11

Tert butyl alcohol
 Concen: 91.469 ug/l
 RT: 4.97 min Scan# 531
 Delta R.T. -0.00 min
 Lab File: VY000360.D
 Acq: 22 Oct 2019 13:18

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1022SBS01

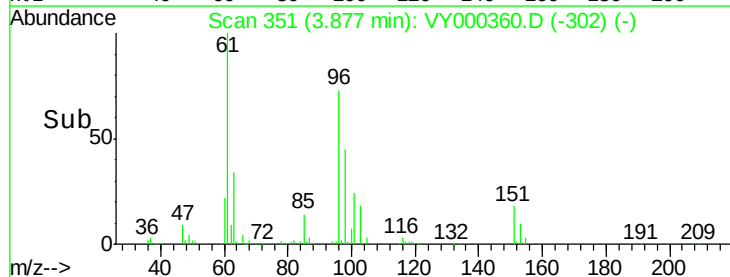
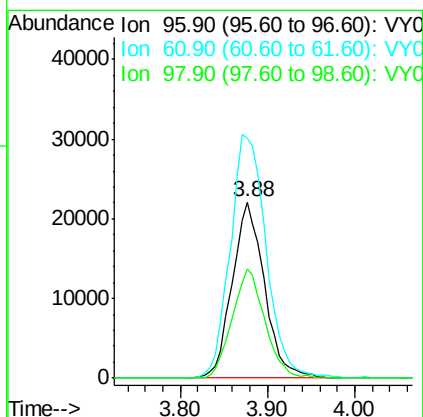
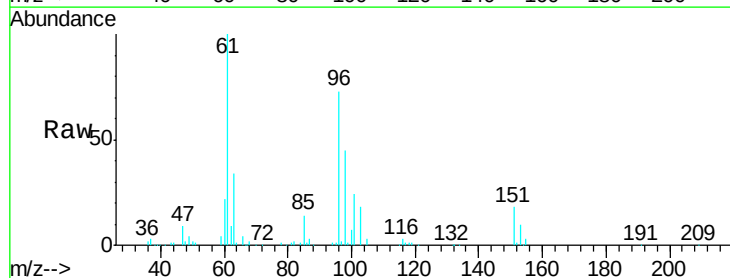
Tgt Ion: 59 Resp: 27264
 Ion Ratio Lower Upper
 59 100
 57 11.3 8.2 12.2

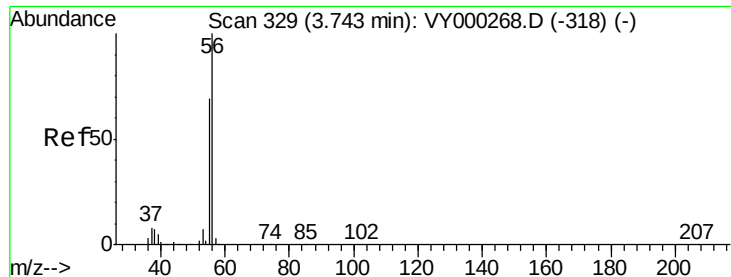


#12

1,1-Dichloroethene
 Concen: 20.767 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. -0.00 min
 Lab File: VY000360.D
 Acq: 22 Oct 2019 13:18

Tgt Ion: 96 Resp: 56634
 Ion Ratio Lower Upper
 96 100
 61 136.7 125.8 188.6
 98 62.2 46.2 69.2





#13

Acrolein

Concen: 76.883 ug/l

RT: 3.74 min Scan# 328

Delta R.T. -0.01 min

Lab File: VY000360.D

Acq: 22 Oct 2019 13:18

Instrument :

MSVOA_Y

ClientSampleId :

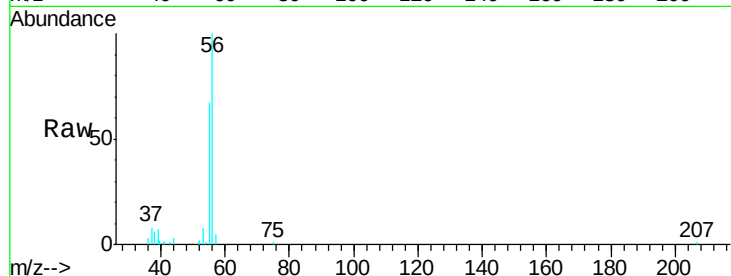
VY1022SBS01

Tgt Ion: 56 Resp: 26867

Ion Ratio Lower Upper

56 100

55 69.9 55.7 83.5



Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

3.74

12000

10000

8000

6000

4000

2000

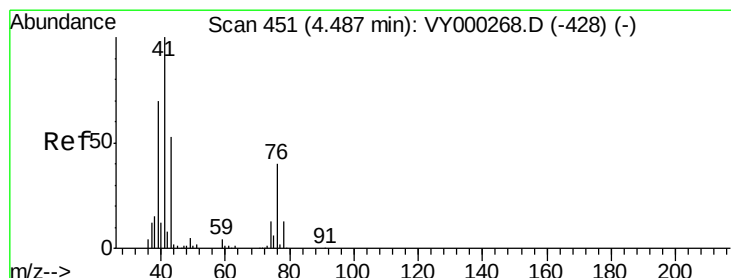
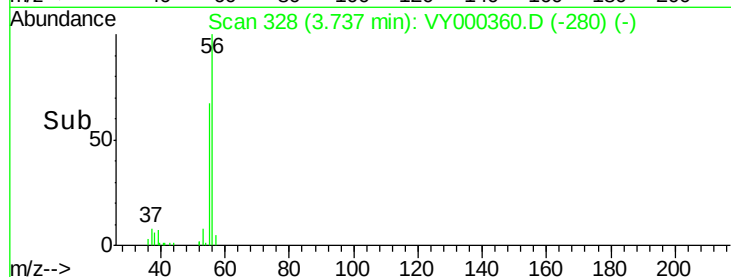
0

Time-->

3.60

3.70

3.80



#14

Allyl chloride

Concen: 20.078 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.00 min

Lab File: VY000360.D

Acq: 22 Oct 2019 13:18

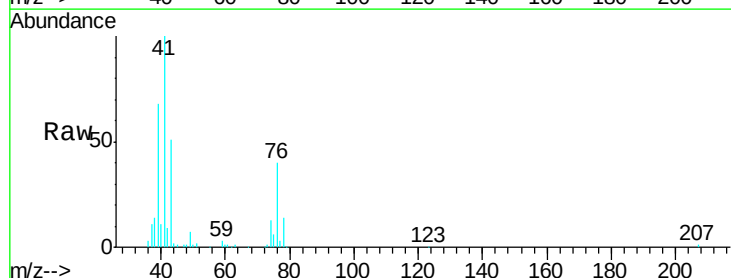
Tgt Ion: 41 Resp: 90736

Ion Ratio Lower Upper

41 100

39 67.7 54.0 81.0

76 39.1 30.7 46.1



Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 75.90 (75.60 to 76.60): VY0

4.49

40000

30000

20000

10000

0

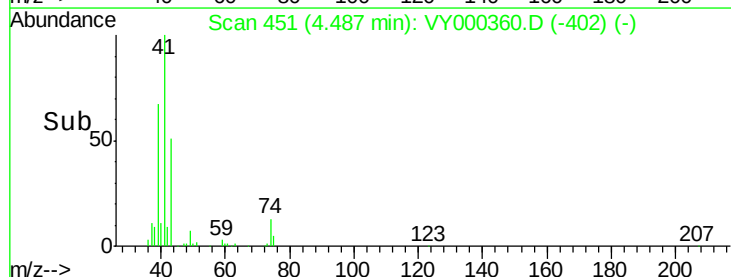
Time-->

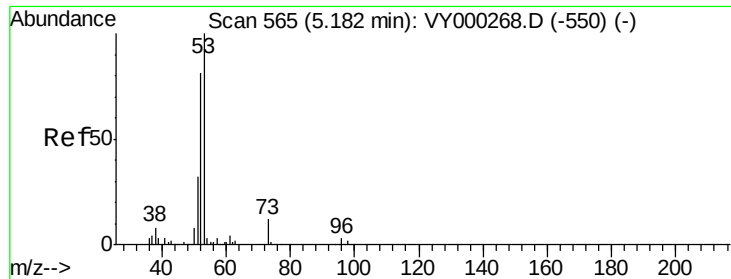
4.30

4.40

4.50

4.60





#15

Acrylonitrile

Concen: 94.900 ug/l

RT: 5.18 min Scan# 565

Delta R.T. -0.00 min

Lab File: VY000360.D

Acq: 22 Oct 2019 13:18

Instrument :

MSVOA_Y

ClientSampleId :

VY1022SBS01

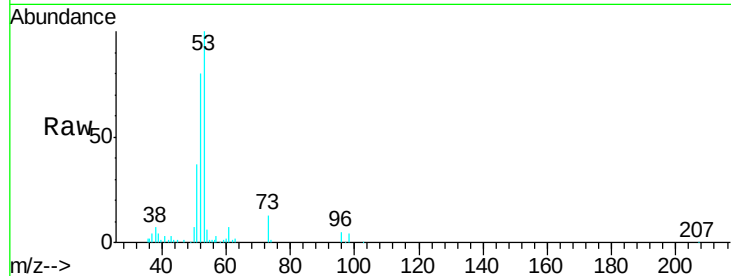
Tgt Ion: 53 Resp: 85472

Ion Ratio Lower Upper

53 100

52 81.4 62.9 94.3

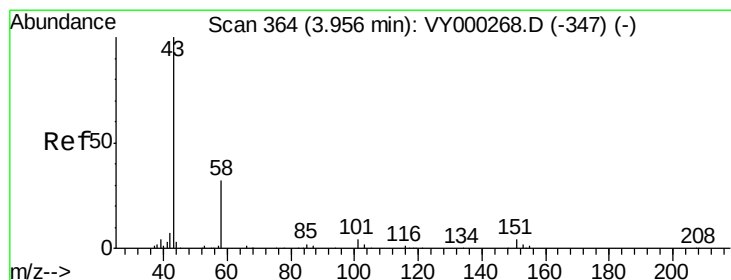
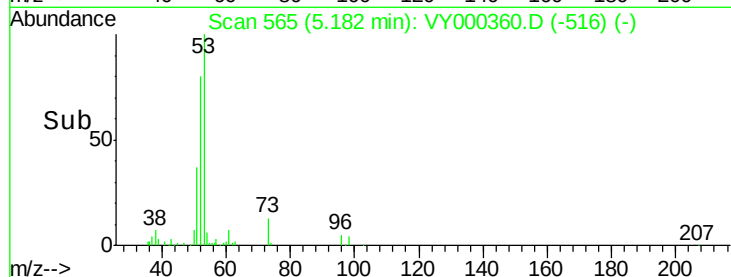
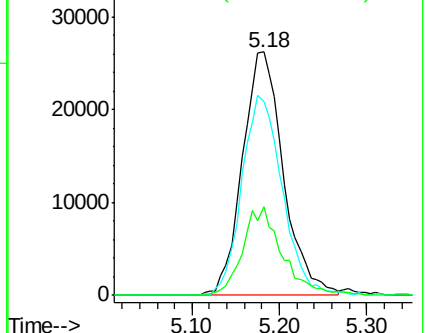
51 34.9 26.9 40.3



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: 75.817 ug/l

RT: 3.96 min Scan# 364

Delta R.T. -0.00 min

Lab File: VY000360.D

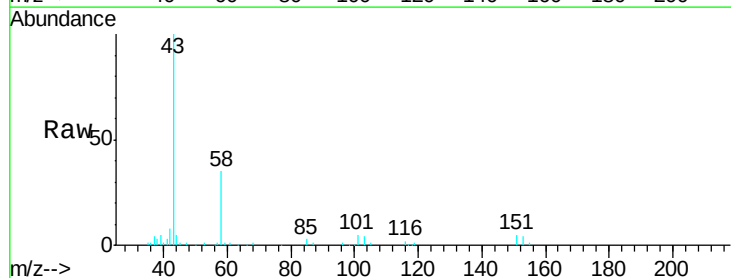
Acq: 22 Oct 2019 13:18

Tgt Ion: 43 Resp: 69932

Ion Ratio Lower Upper

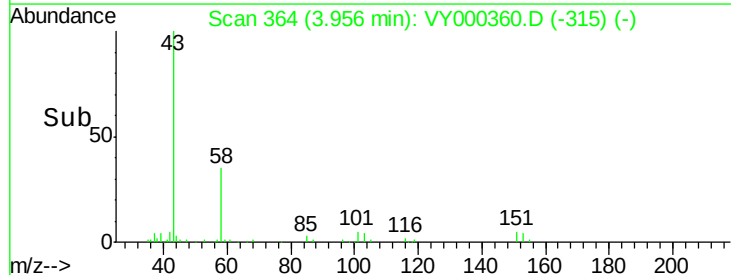
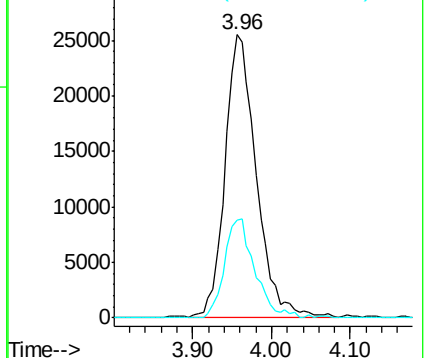
43 100

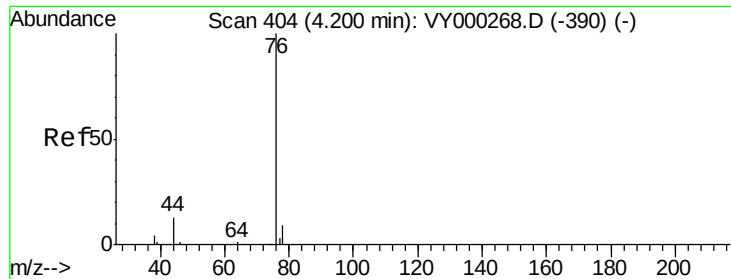
58 34.8 25.8 38.6



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0





#17

Carbon Disulfide

Concen: 19.701 ug/l

RT: 4.19 min Scan# 403

Delta R.T. -0.01 min

Lab File: VY000360.D

Acq: 22 Oct 2019 13:18

Instrument :

MSVOA_Y

ClientSampleId :

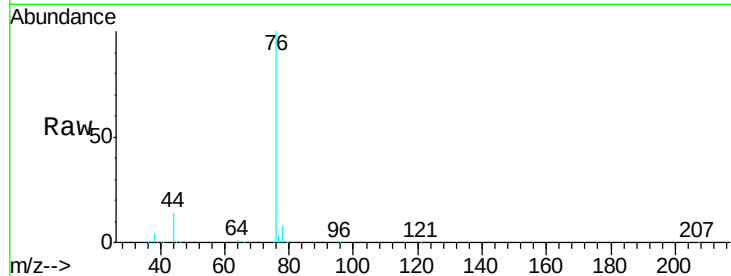
VY1022SBSD01

Tgt Ion: 76 Resp: 169161

Ion Ratio Lower Upper

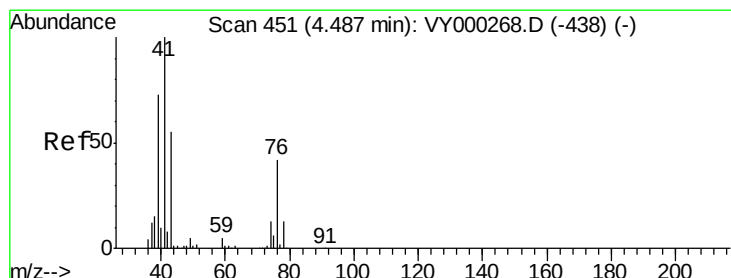
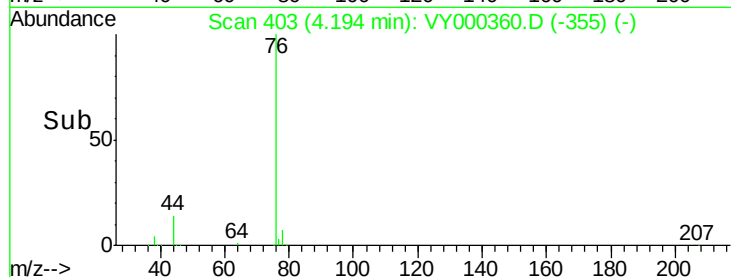
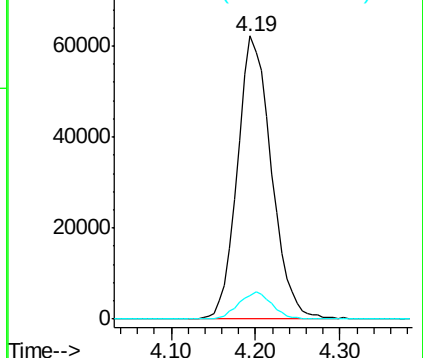
76 100

78 8.1 7.0 10.4



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#18

Methyl Acetate

Concen: 19.156 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.00 min

Lab File: VY000360.D

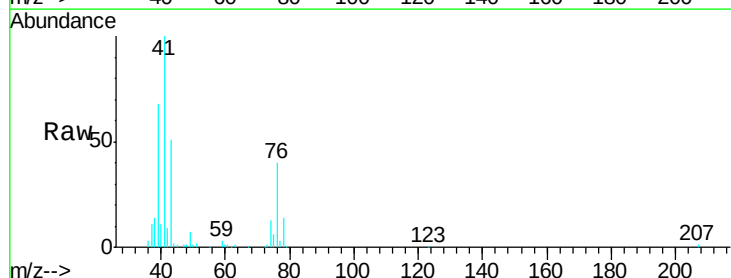
Acq: 22 Oct 2019 13:18

Tgt Ion: 43 Resp: 43900

Ion Ratio Lower Upper

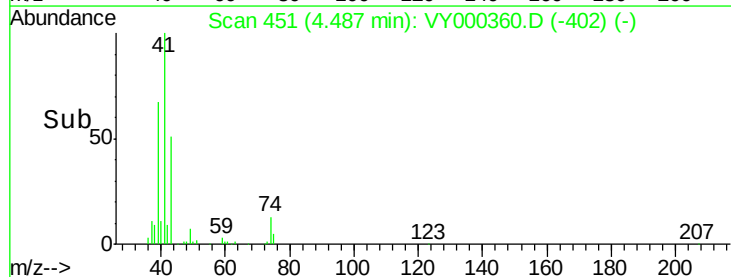
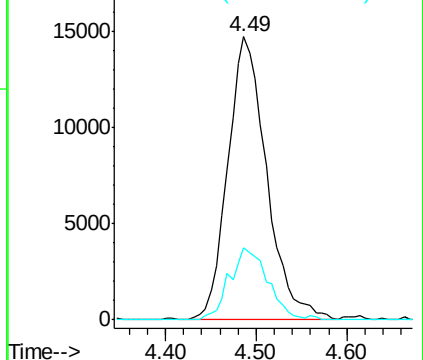
43 100

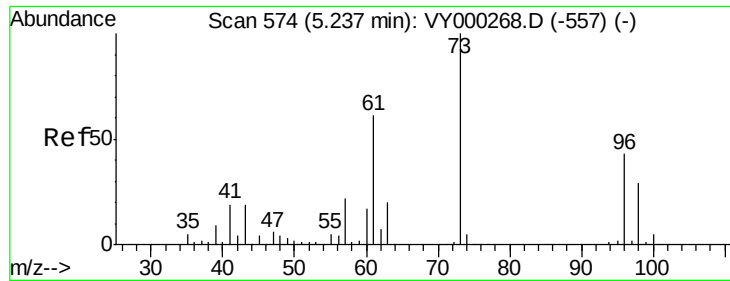
74 25.0 20.4 30.6



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0

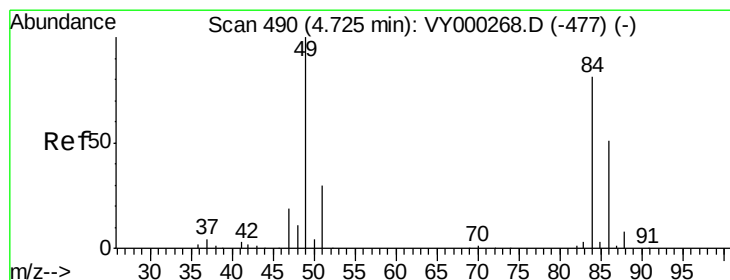
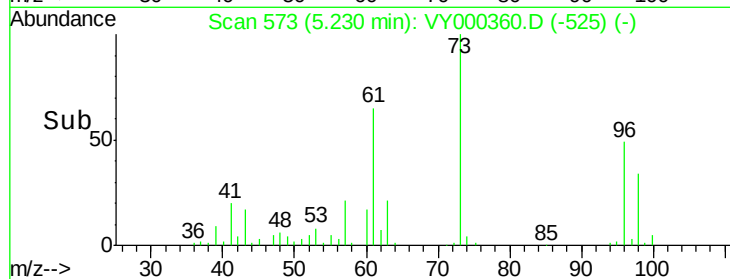
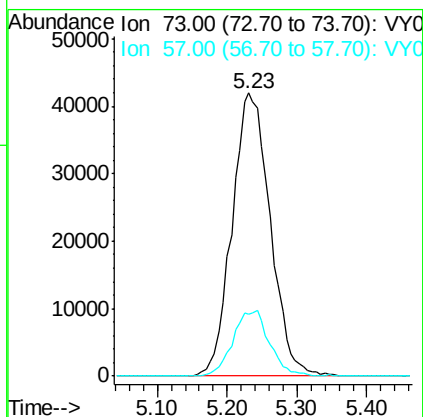
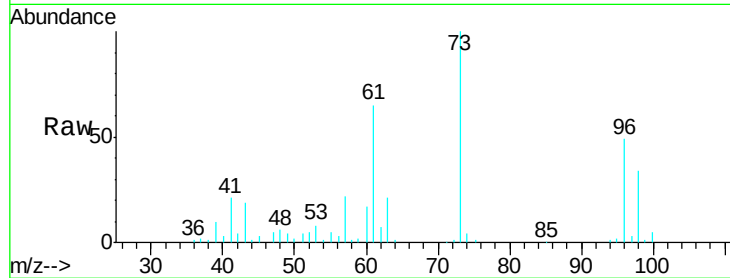




#19
Methyl tert-butyl Ether
Concen: 20.926 ug/l
RT: 5.23 min Scan# 573
Delta R.T. -0.01 min
Lab File: VY000360.D
Acq: 22 Oct 2019 13:18

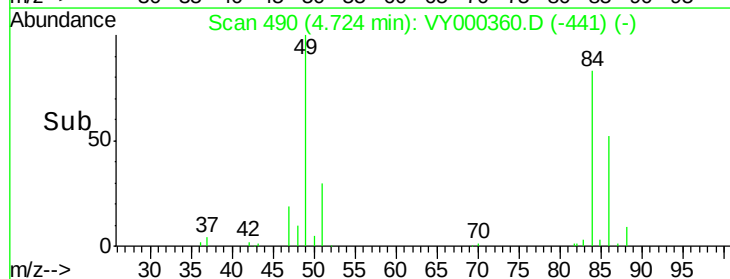
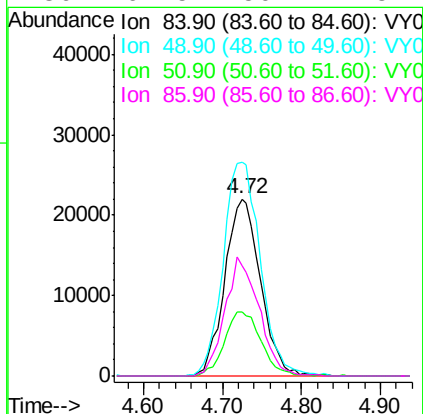
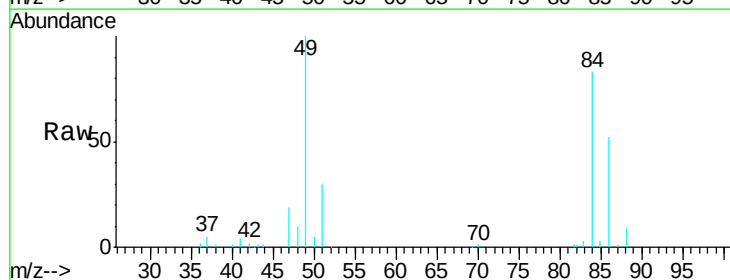
Instrument :
MSVOA_Y
ClientSampleId :
VY1022SBS01

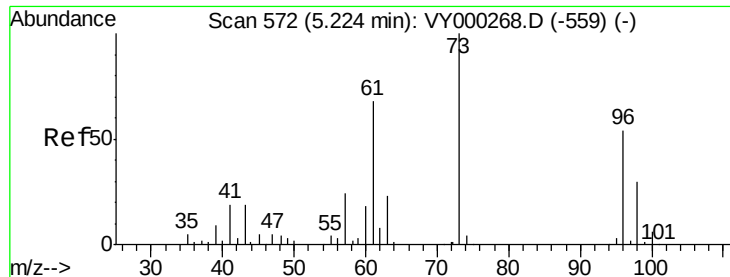
Tgt Ion: 73 Resp: 158864
Ion Ratio Lower Upper
73 100
57 22.1 17.4 26.0



#20
Methylene Chloride
Concen: 18.880 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY000360.D
Acq: 22 Oct 2019 13:18

Tgt Ion: 84 Resp: 69189
Ion Ratio Lower Upper
84 100
49 120.9 99.0 148.4
51 36.0 29.3 43.9
86 62.5 50.2 75.4





#21

trans-1,2-Dichloroethene

Concen: 20.419 ug/l

RT: 5.23 min Scan# 573

Delta R.T. 0.01 min

Lab File: VY000360.D

Acq: 22 Oct 2019 13:18

Instrument :

MSVOA_Y

ClientSampleId :

VY1022SBS01

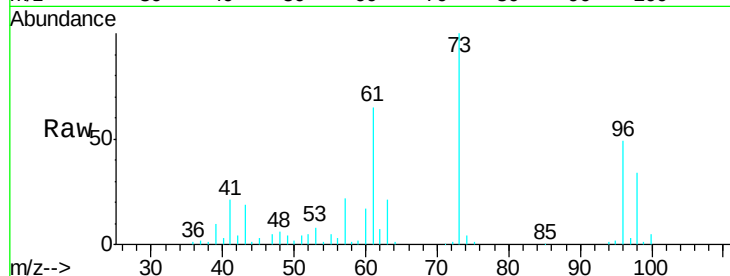
Tgt Ion: 96 Resp: 63885

Ion Ratio Lower Upper

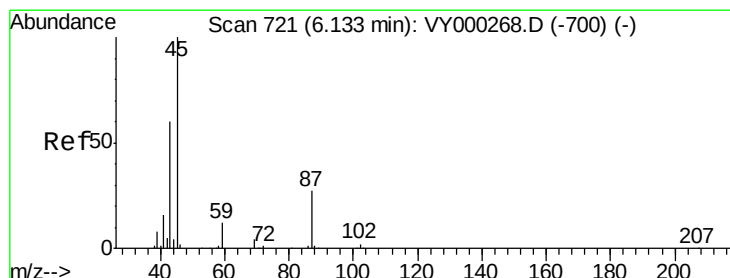
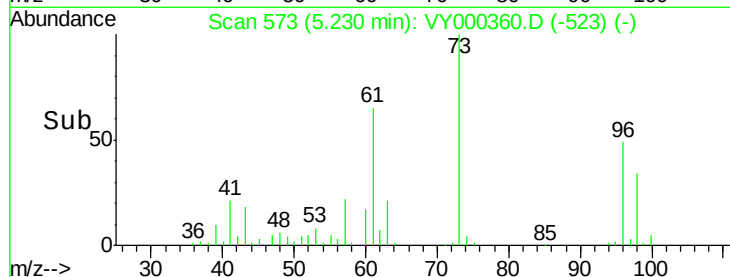
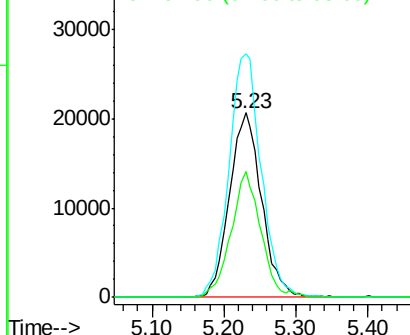
96 100

61 132.0 100.4 150.6

98 68.5 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: 21.179 ug/l

RT: 6.13 min Scan# 721

Delta R.T. -0.00 min

Lab File: VY000360.D

Acq: 22 Oct 2019 13:18

Tgt Ion: 45 Resp: 202431

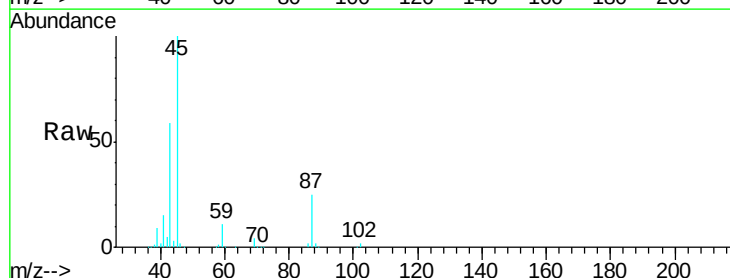
Ion Ratio Lower Upper

45 100

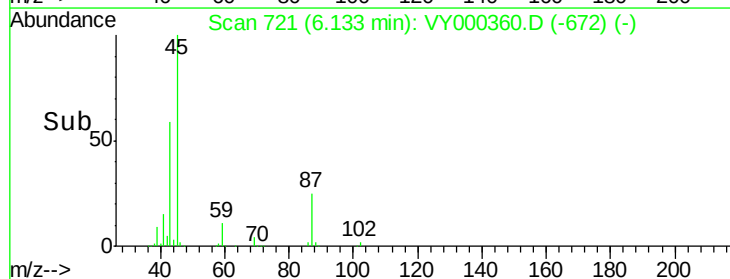
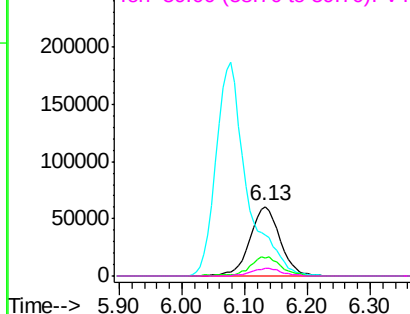
43 58.4 48.5 72.7

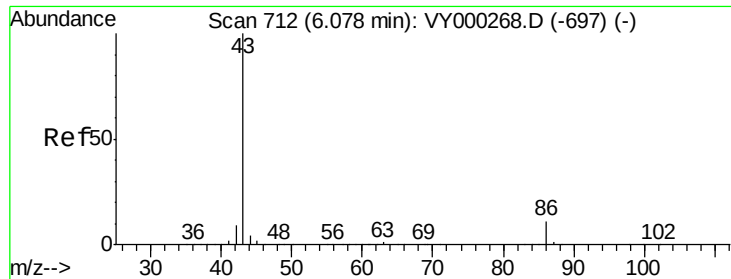
87 25.4 21.5 32.3

59 10.7 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: 101.558 ug/l

RT: 6.08 min Scan# 712

Delta R.T. -0.00 min

Lab File: VY000360.D

Acq: 22 Oct 2019 13:18

Instrument :

MSVOA_Y

ClientSampleId :

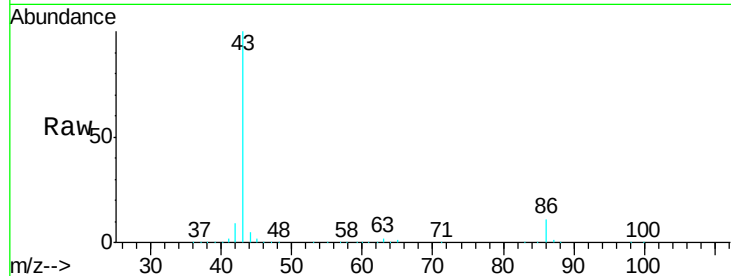
VY1022SBS01

Tgt Ion: 43 Resp: 633286

Ion Ratio Lower Upper

43 100

86 10.7 8.6 13.0



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0

6.08

200000

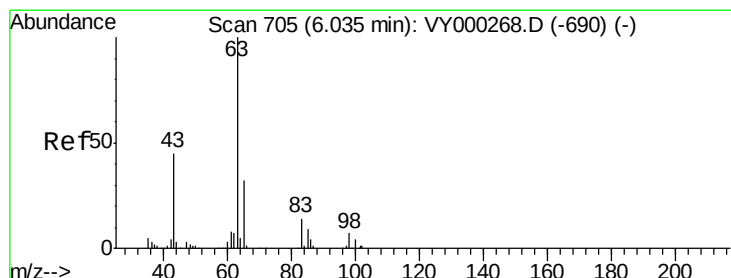
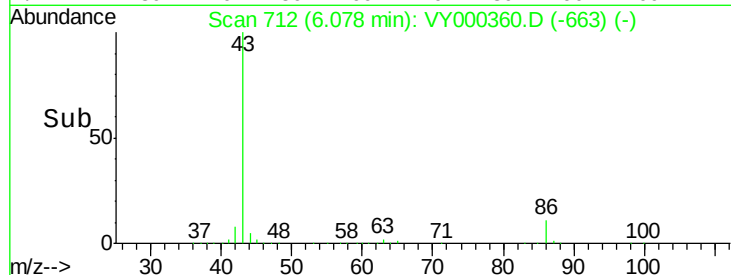
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 20.877 ug/l

RT: 6.04 min Scan# 705

Delta R.T. -0.00 min

Lab File: VY000360.D

Acq: 22 Oct 2019 13:18

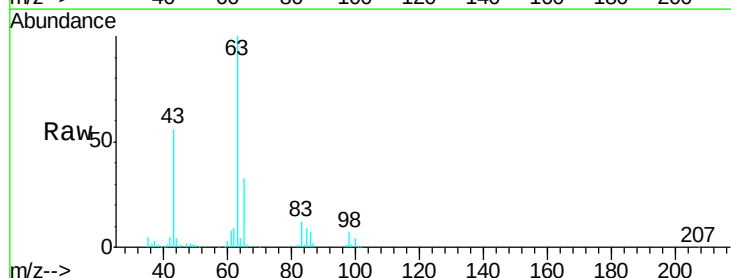
Tgt Ion: 63 Resp: 108919

Ion Ratio Lower Upper

63 100

98 7.0 3.5 10.4

100 4.4 2.1 6.2



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0

6.04

40000

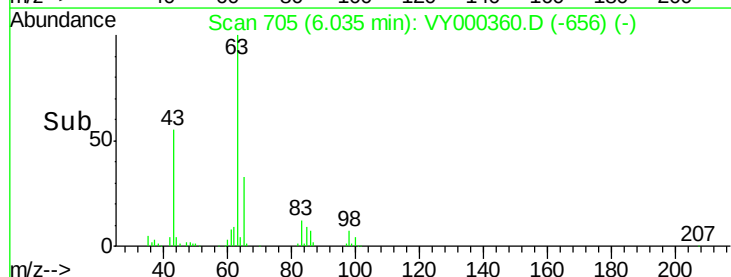
30000

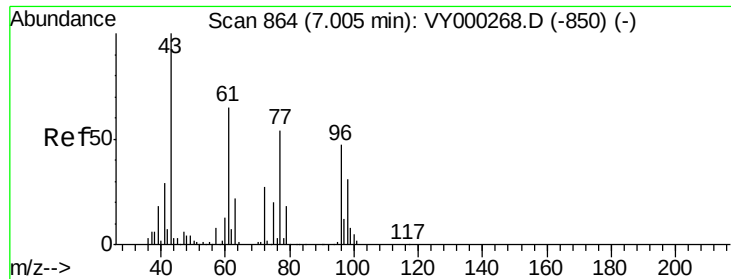
20000

10000

0

Time-->





#25

2-Butanone

Concen: 93.124 ug/l

RT: 7.00 min Scan# 864

Delta R.T. -0.00 min

Lab File: VY000360.D

Acq: 22 Oct 2019 13:18

Instrument :

MSVOA_Y

ClientSampleId :

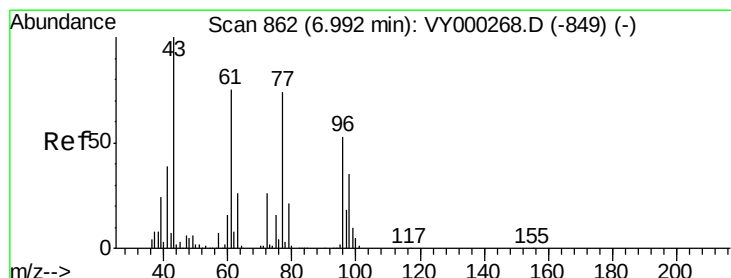
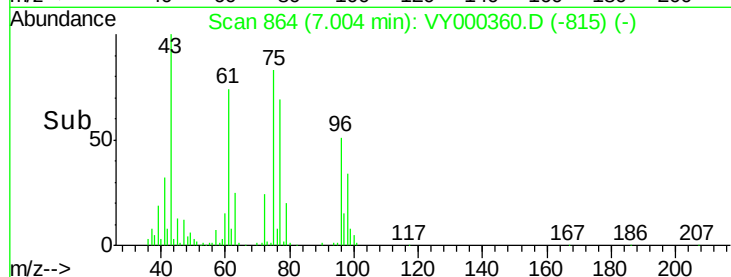
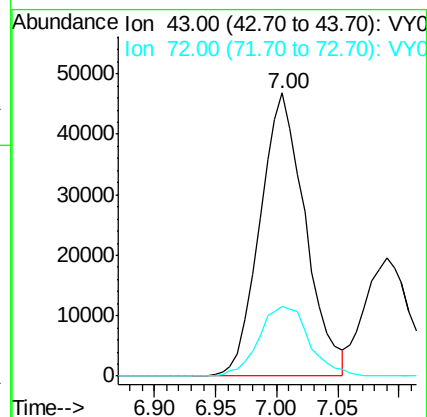
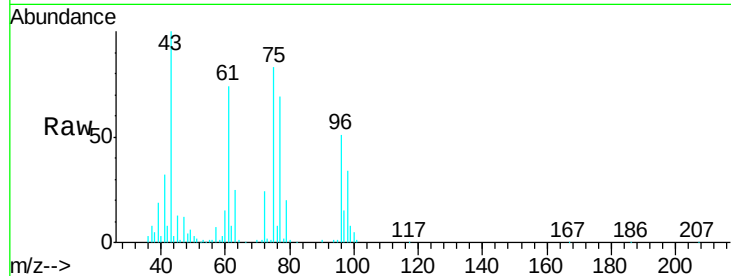
VY1022SBS01

Tgt Ion: 43 Resp: 120999

Ion Ratio Lower Upper

43 100

72 24.5 21.4 32.2



#26

2,2-Dichloropropane

Concen: 21.910 ug/l

RT: 7.00 min Scan# 863

Delta R.T. 0.01 min

Lab File: VY000360.D

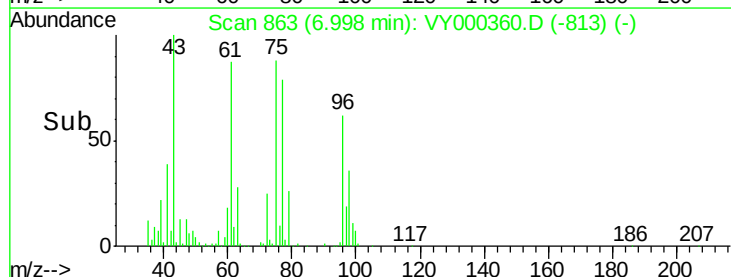
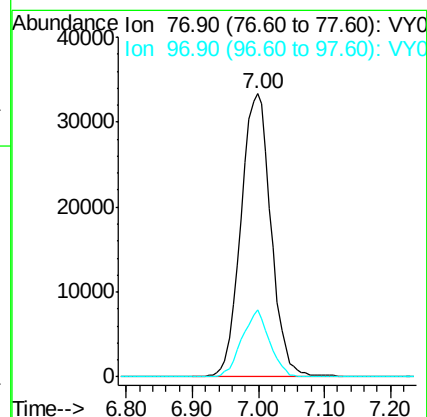
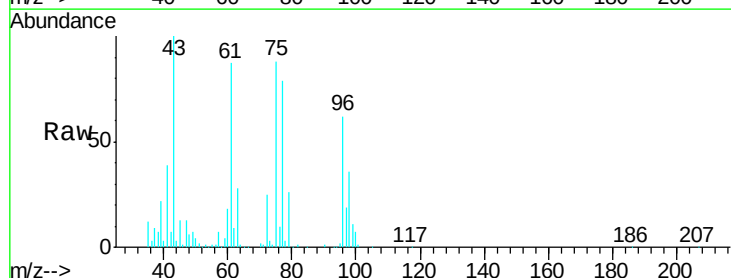
Acq: 22 Oct 2019 13:18

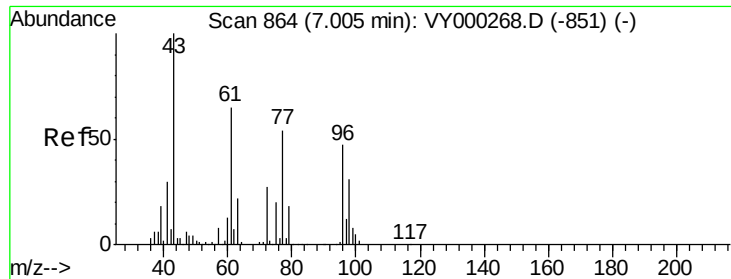
Tgt Ion: 77 Resp: 105331

Ion Ratio Lower Upper

77 100

97 21.6 11.6 34.7



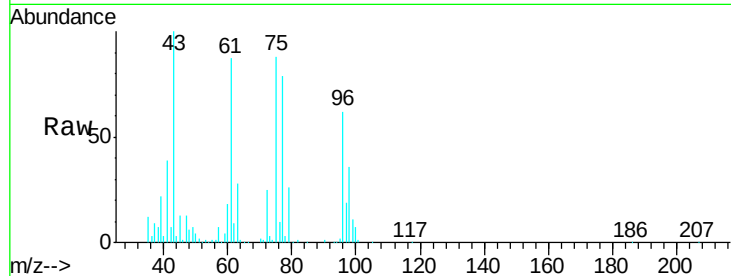


#27

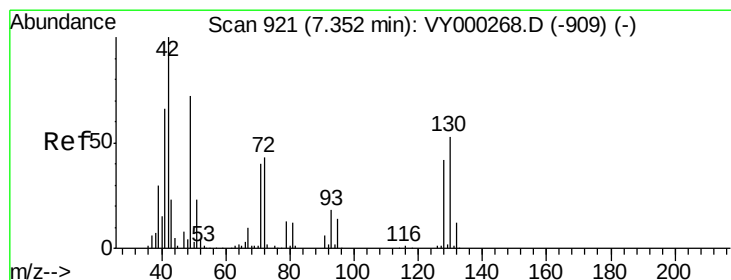
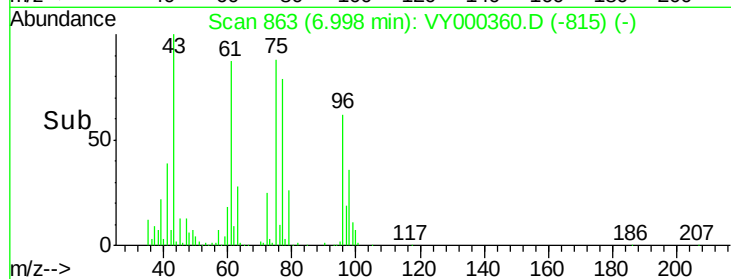
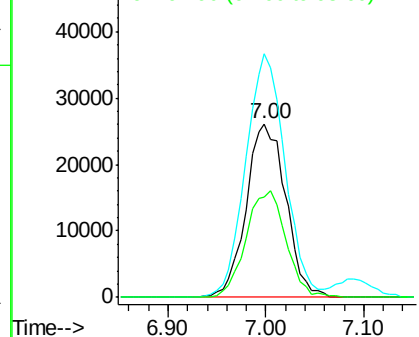
cis-1,2-Dichloroethene
 Concen: 21.566 ug/l
 RT: 7.00 min Scan# 863
 Delta R.T. -0.01 min
 Lab File: VY000360.D
 Acq: 22 Oct 2019 13:18

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1022SBS01

Tgt Ion: 96 Resp: 73013
 Ion Ratio Lower Upper
 96 100
 61 140.2 0.0 289.8
 98 62.3 0.0 131.8



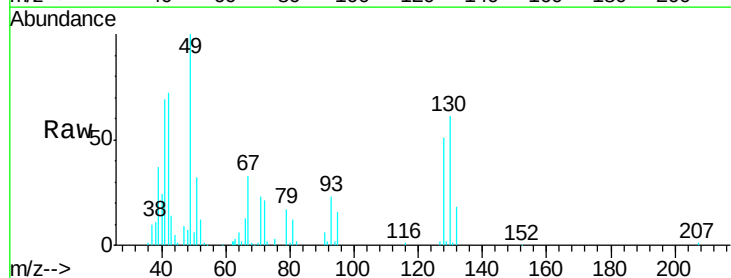
Abundance Ion 95.90 (95.60 to 96.60): VY0
 Ion 60.90 (60.60 to 61.60): VY0
 Ion 97.90 (97.60 to 98.60): VY0



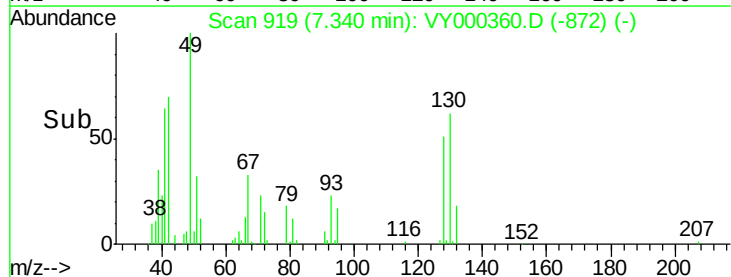
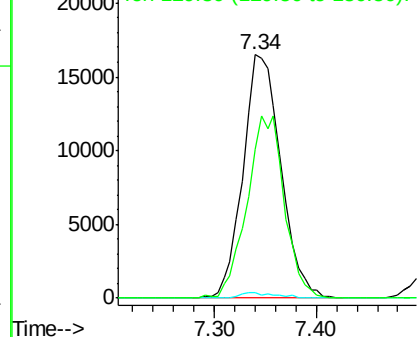
#28

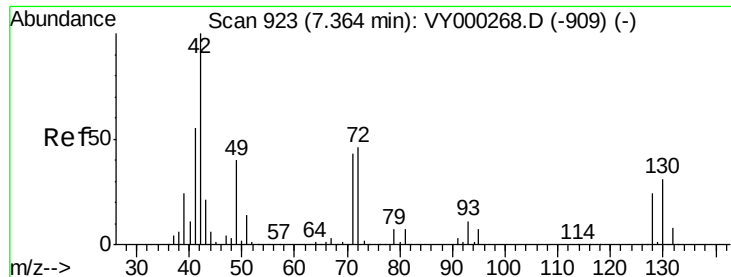
Bromochloromethane
 Concen: 18.995 ug/l
 RT: 7.34 min Scan# 919
 Delta R.T. -0.01 min
 Lab File: VY000360.D
 Acq: 22 Oct 2019 13:18

Tgt Ion: 49 Resp: 42542
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 4.0
 130 0.0 58.2 87.2#



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

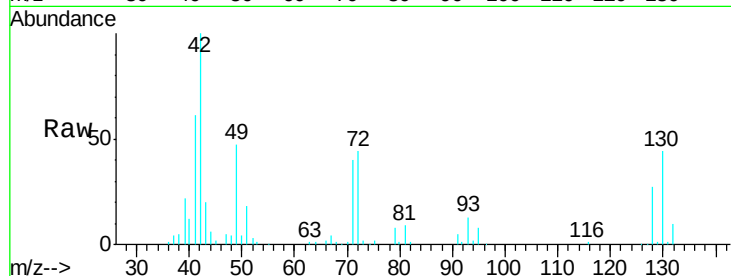




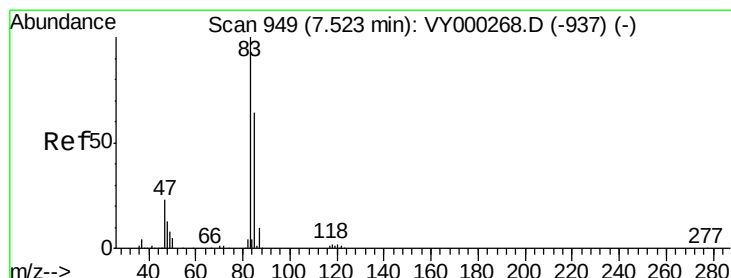
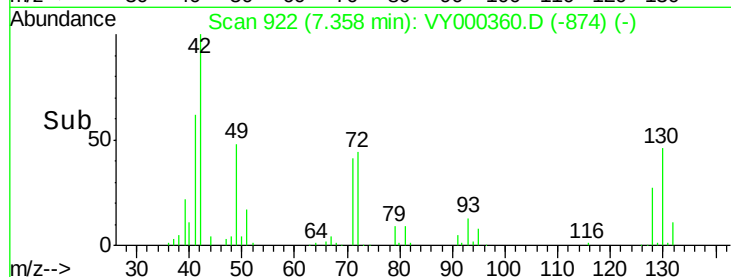
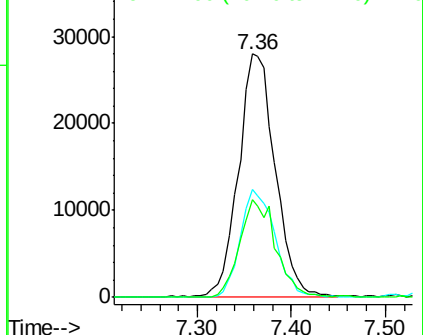
#29
Tetrahydrofuran
Concen: 97.037 ug/l
RT: 7.36 min Scan# 922
Delta R.T. -0.01 min
Lab File: VY000360.D
Acq: 22 Oct 2019 13:18

Instrument :
MSVOA_Y
ClientSampleId :
VY1022SBS01

Tgt Ion: 42 Resp: 76411
Ion Ratio Lower Upper
42 100
72 42.0 34.5 51.7
71 39.6 32.7 49.1

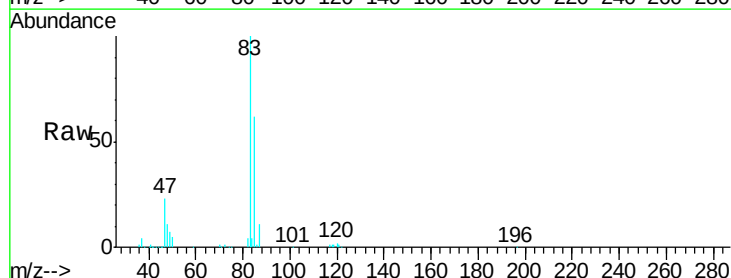


Abundance Ion 42.00 (41.70 to 42.70): VY0
Ion 72.00 (71.70 to 72.70): VY0
Ion 71.00 (70.70 to 71.70): VY0

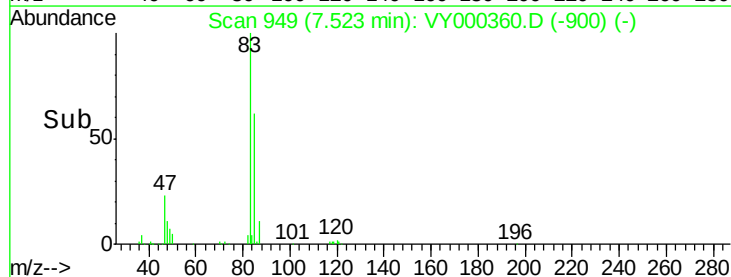
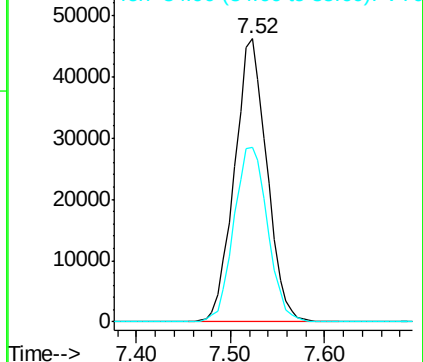


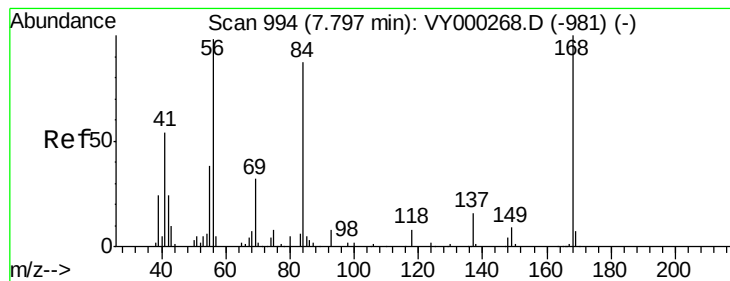
#30
Chloroform
Concen: 21.053 ug/l
RT: 7.52 min Scan# 949
Delta R.T. -0.00 min
Lab File: VY000360.D
Acq: 22 Oct 2019 13:18

Tgt Ion: 83 Resp: 110617
Ion Ratio Lower Upper
83 100
85 61.8 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: 20.258 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.00 min

Lab File: VY000360.D

Acq: 22 Oct 2019 13:18

Instrument :

MSVOA_Y

ClientSampleId :

VY1022SBS01

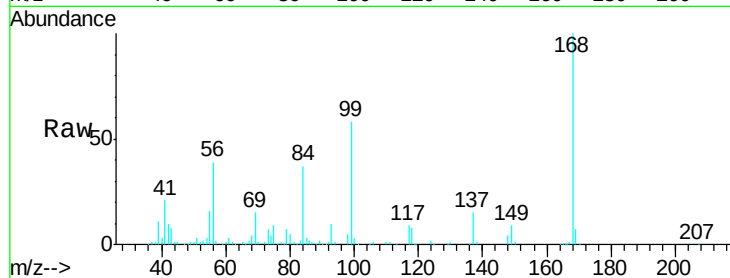
Tgt Ion: 56 Resp: 110388

Ion Ratio Lower Upper

56 100

69 38.9 26.3 39.5

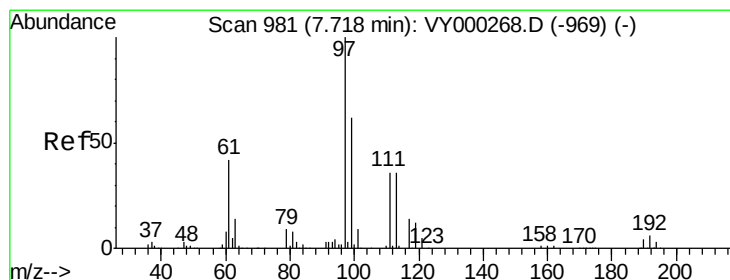
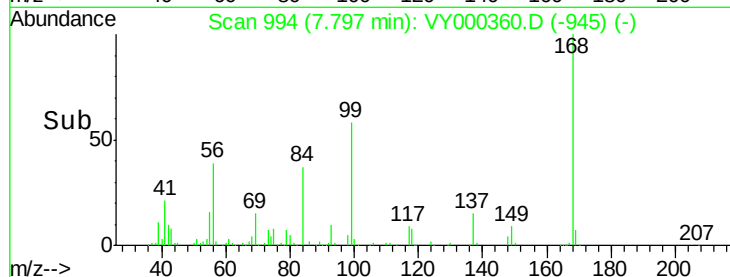
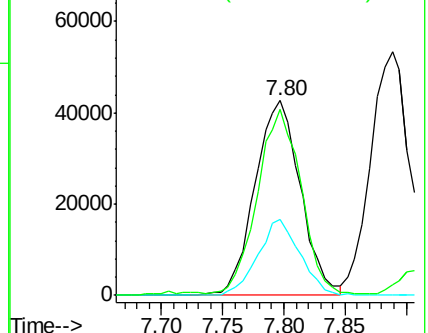
84 94.4 70.8 106.2



Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 69.00 (68.70 to 69.70): VY0

Ion 84.00 (83.70 to 84.70): VY0



#32

1,1,1-Trichloroethane

Concen: 20.524 ug/l

RT: 7.72 min Scan# 981

Delta R.T. -0.00 min

Lab File: VY000360.D

Acq: 22 Oct 2019 13:18

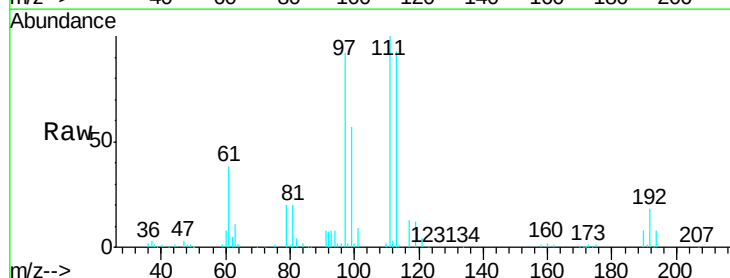
Tgt Ion: 97 Resp: 95872

Ion Ratio Lower Upper

97 100

99 65.9 51.7 77.5

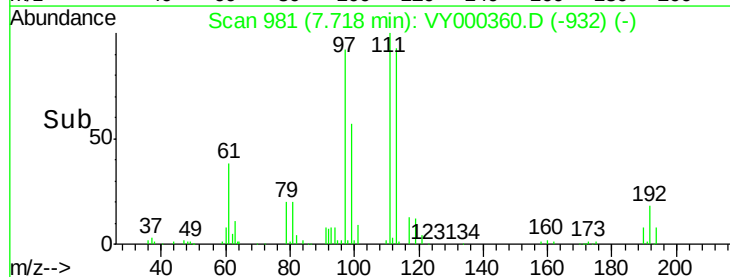
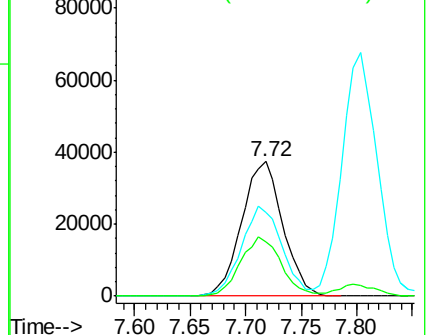
61 43.5 34.5 51.7

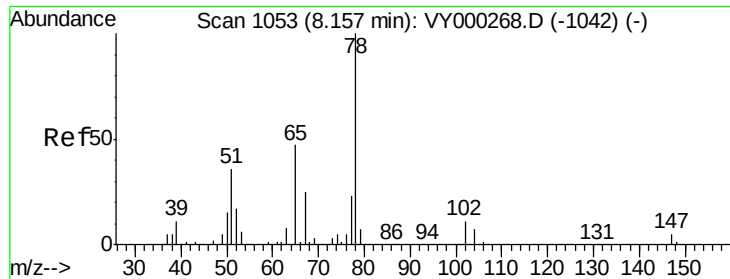


Abundance Ion 96.90 (96.60 to 97.60): VY0

Ion 98.90 (98.60 to 99.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

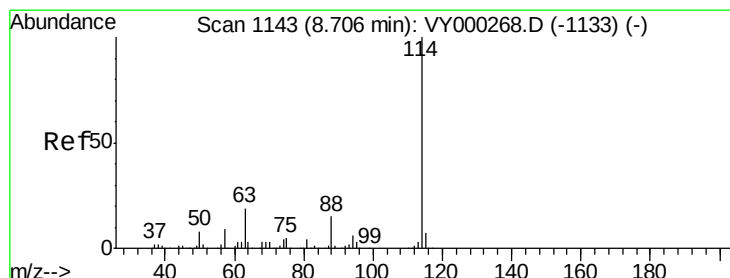
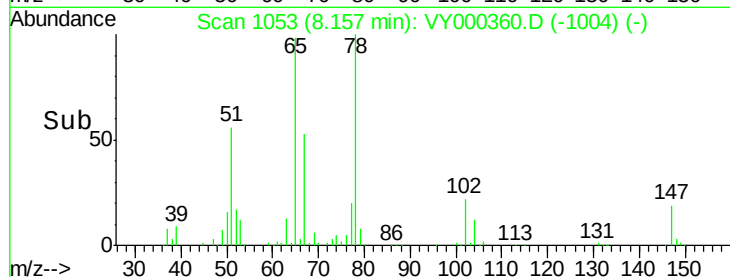
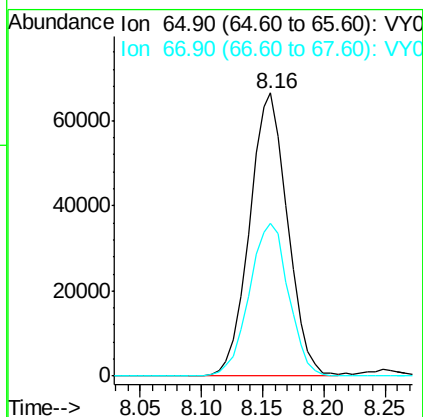
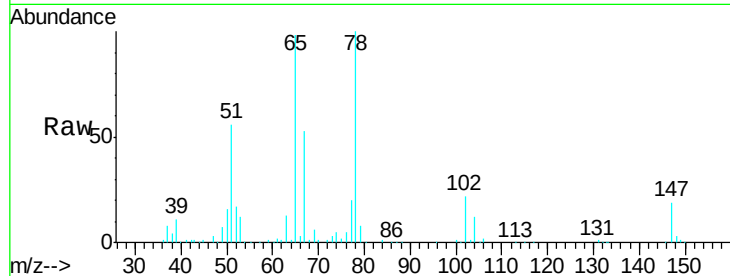




#33
 1,2-Dichloroethane-d4
 Concen: 50.520 ug/l
 RT: 8.16 min Scan# 1053
 Delta R.T. -0.00 min
 Lab File: VY000360.D
 Acq: 22 Oct 2019 13:18

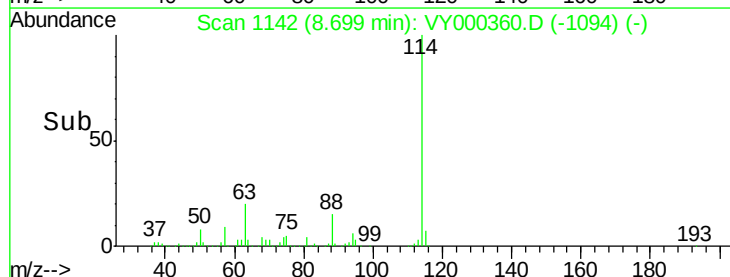
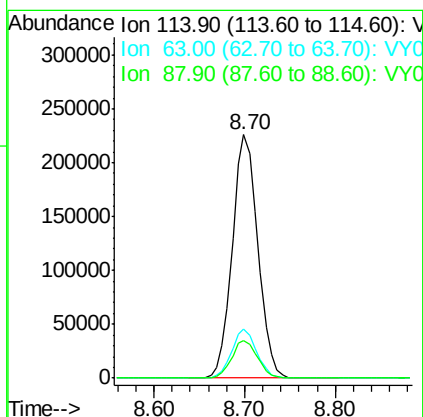
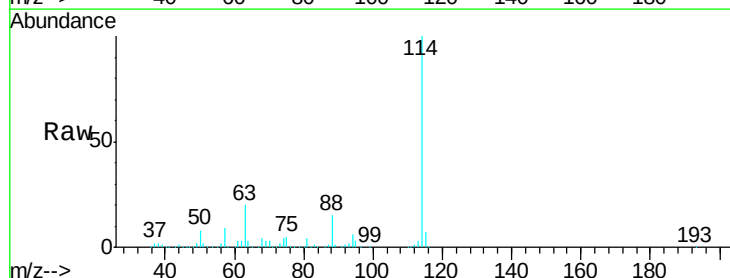
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1022SBS01

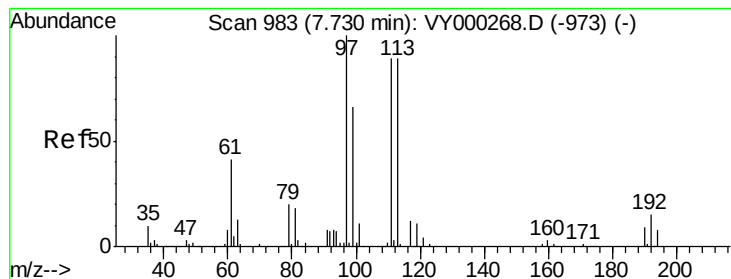
Tgt Ion: 65 Resp: 143891
 Ion Ratio Lower Upper
 65 100
 67 55.6 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.01 min
 Lab File: VY000360.D
 Acq: 22 Oct 2019 13:18

Tgt Ion: 114 Resp: 441152
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 37.2
 88 15.2 0.0 30.2





#35

Dibromofluoromethane

Concen: 51.012 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.00 min

Lab File: VY000360.D

Acq: 22 Oct 2019 13:18

Instrument :

MSVOA_Y

ClientSampleId :

VY1022SBS01

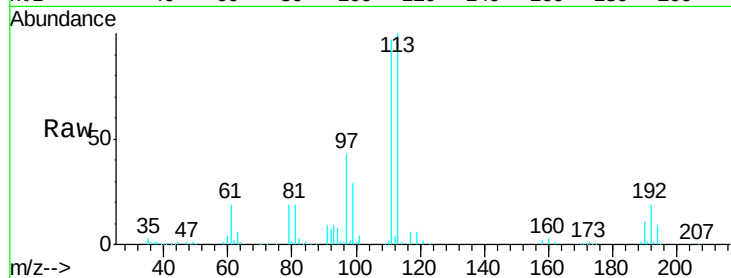
Tgt Ion:113 Resp: 135746

Ion Ratio Lower Upper

113 100

111 103.0 81.6 122.4

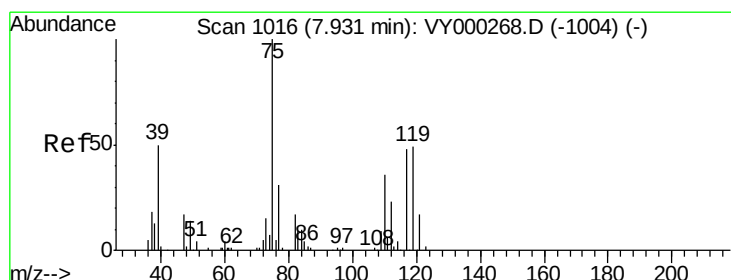
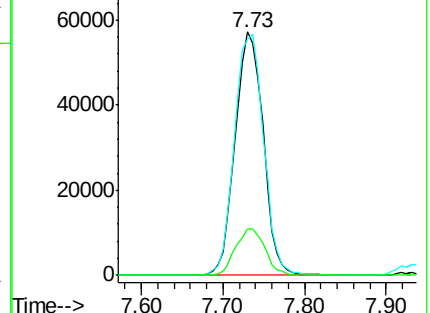
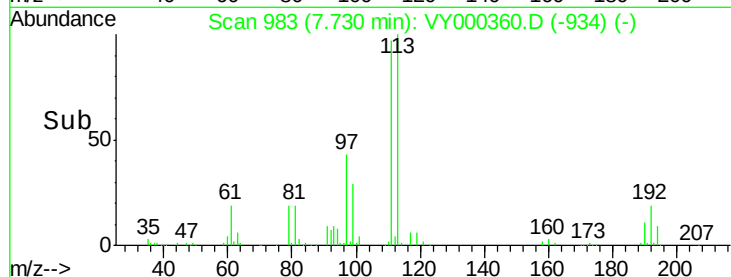
192 20.0 15.3 22.9



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: 20.414 ug/l

RT: 7.93 min Scan# 1015

Delta R.T. -0.01 min

Lab File: VY000360.D

Acq: 22 Oct 2019 13:18

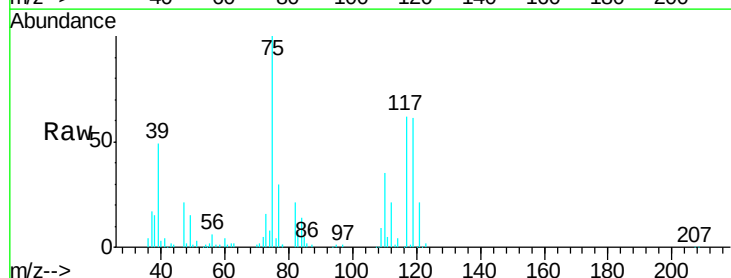
Tgt Ion: 75 Resp: 88170

Ion Ratio Lower Upper

75 100

110 37.4 18.4 55.4

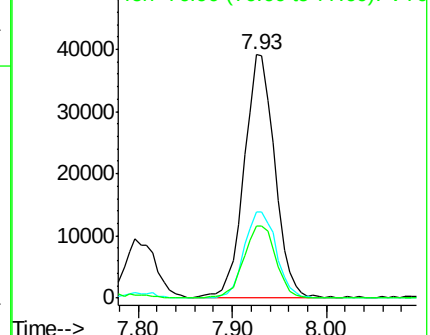
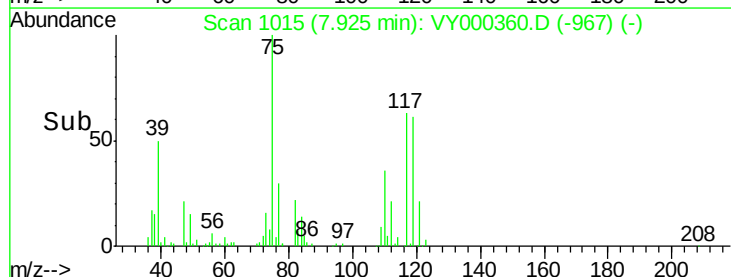
77 31.6 25.0 37.6

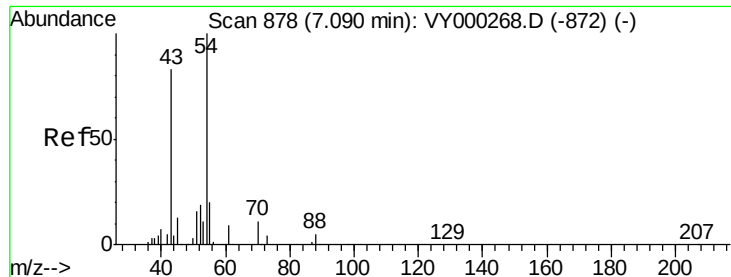


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0

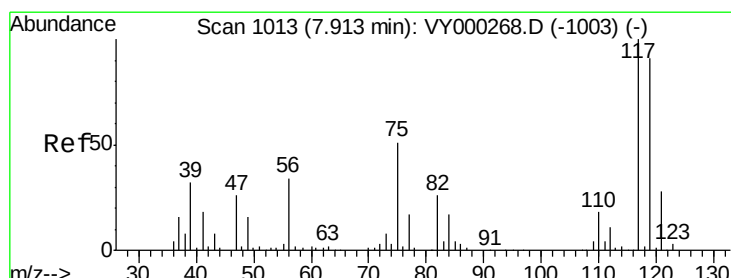
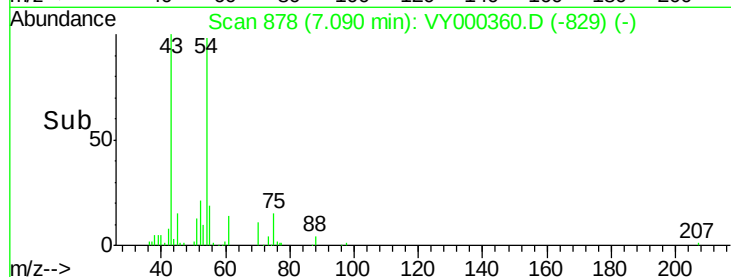
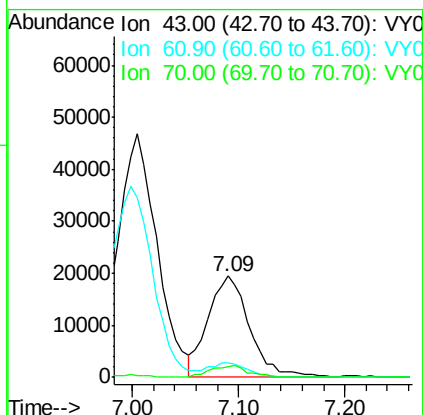
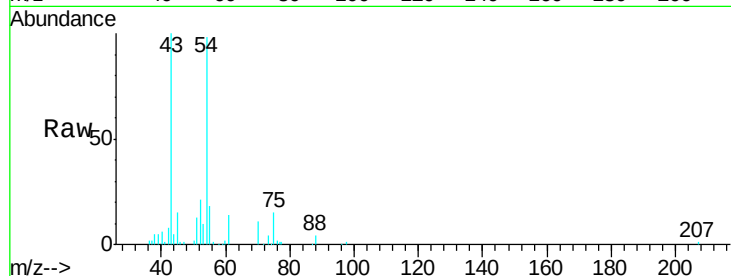




#37
Ethyl Acetate
 Concen: 20.118 ug/l
 RT: 7.09 min Scan# 878
 Delta R.T. -0.00 min
 Lab File: VY000360.D
 Acq: 22 Oct 2019 13:18

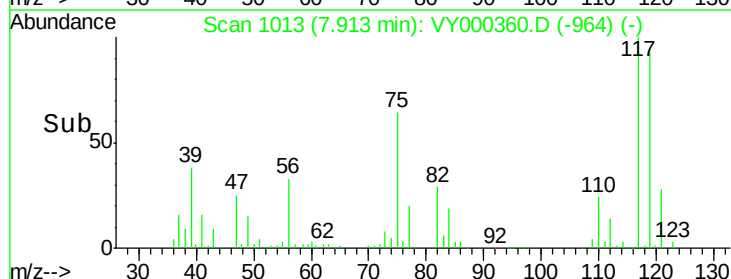
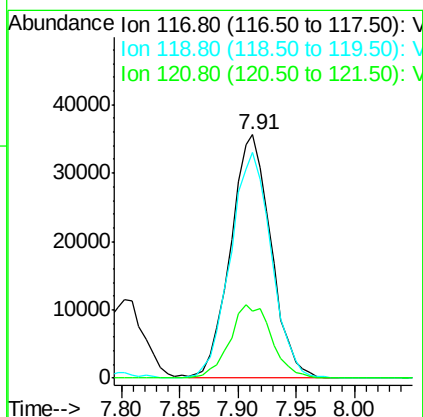
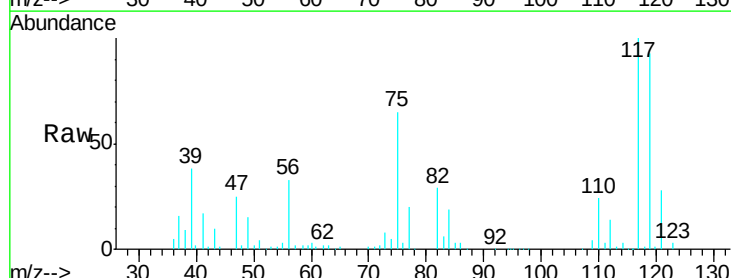
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1022SBSD01

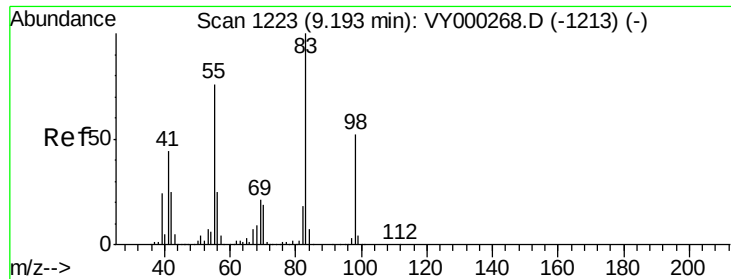
Tgt Ion: 43 Resp: 51452
 Ion Ratio Lower Upper
 43 100
 61 14.4 12.1 18.1
 70 10.9 8.7 13.1



#38
Carbon Tetrachloride
 Concen: 20.505 ug/l
 RT: 7.91 min Scan# 1013
 Delta R.T. -0.00 min
 Lab File: VY000360.D
 Acq: 22 Oct 2019 13:18

Tgt Ion: 117 Resp: 85753
 Ion Ratio Lower Upper
 117 100
 119 92.7 72.8 109.2
 121 27.7 22.2 33.2

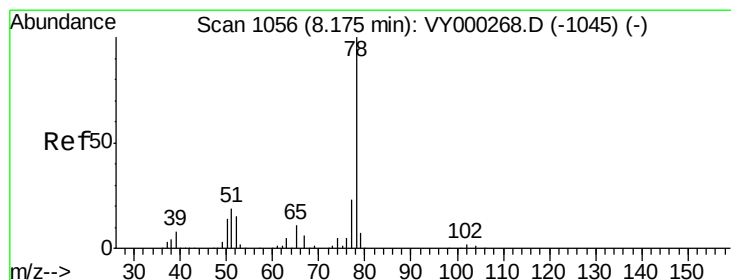
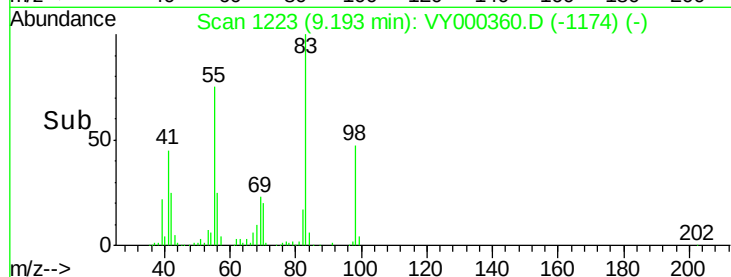
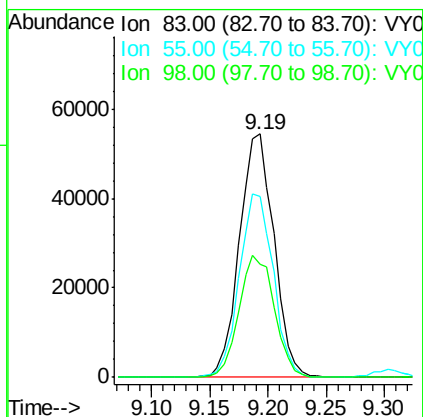
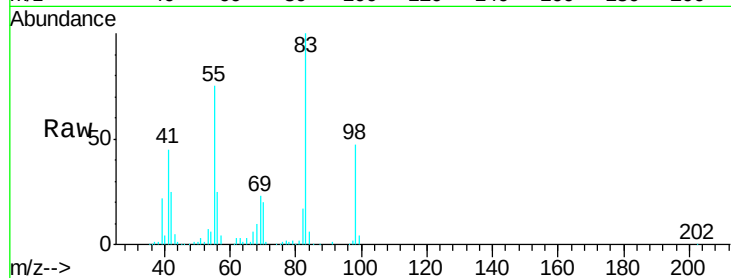




#39
Methylcyclohexane
Concen: 19.948 ug/l
RT: 9.19 min Scan# 1223
Delta R.T. -0.00 min
Lab File: VY000360.D
Acq: 22 Oct 2019 13:18

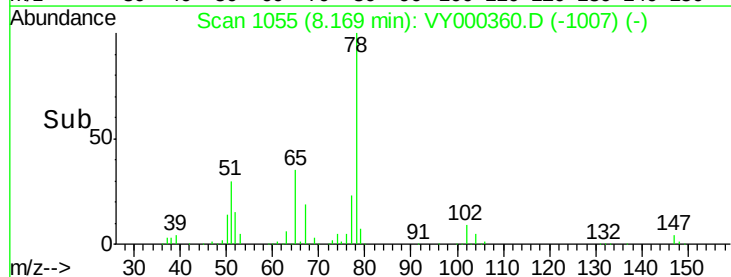
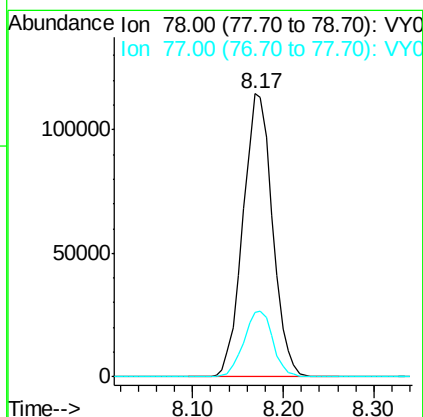
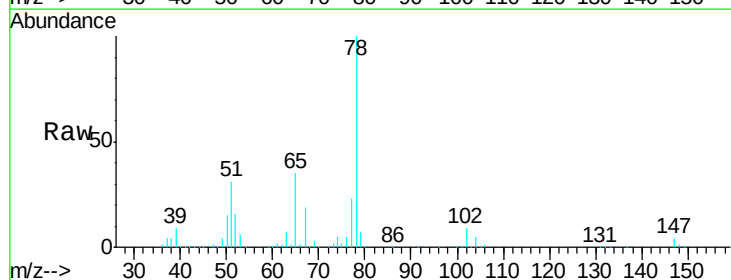
Instrument :
MSVOA_Y
ClientSampleId :
VY1022SBSD01

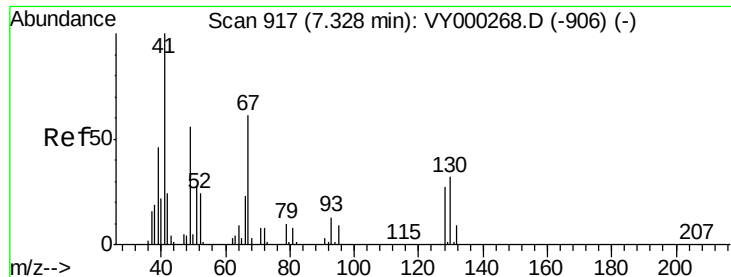
Tgt Ion: 83 Resp: 112767
Ion Ratio Lower Upper
83 100
55 74.5 60.9 91.3
98 46.6 41.8 62.6



#40
Benzene
Concen: 20.666 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. -0.01 min
Lab File: VY000360.D
Acq: 22 Oct 2019 13:18

Tgt Ion: 78 Resp: 257956
Ion Ratio Lower Upper
78 100
77 22.8 18.8 28.2

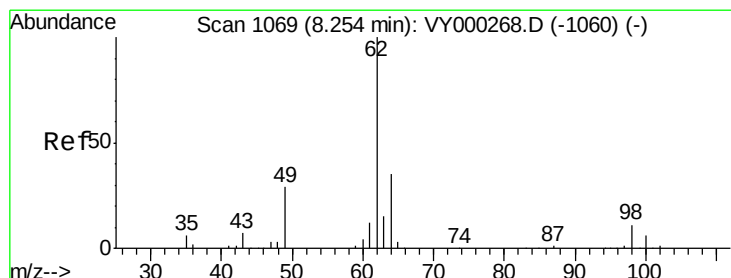
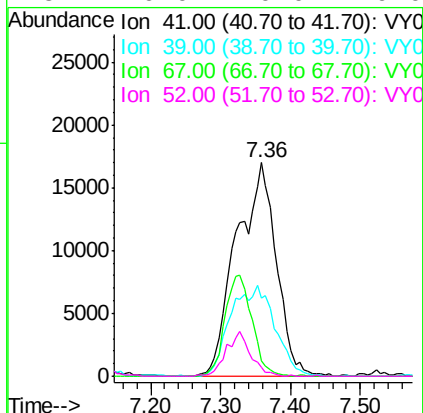
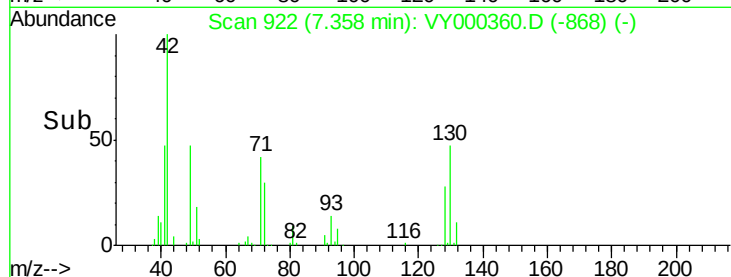
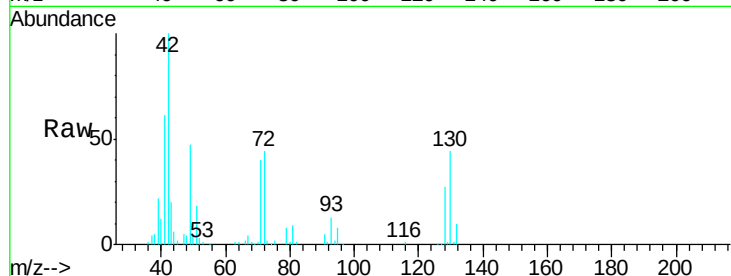




#41
Methacrylonitrile
Concen: 55.202 ug/l
RT: 7.36 min Scan# 922
Delta R.T. 0.03 min
Lab File: VY000360.D
Acq: 22 Oct 2019 13:18

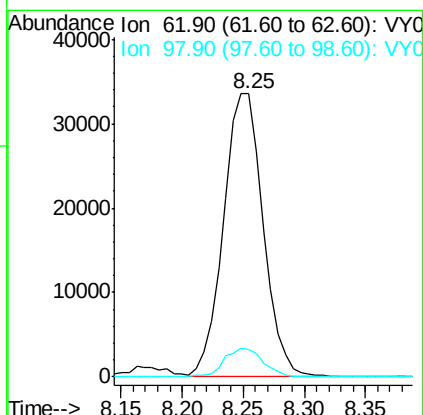
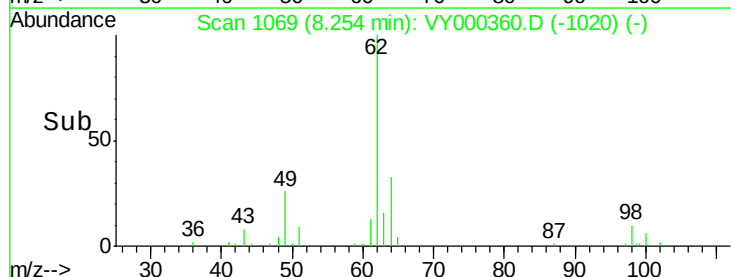
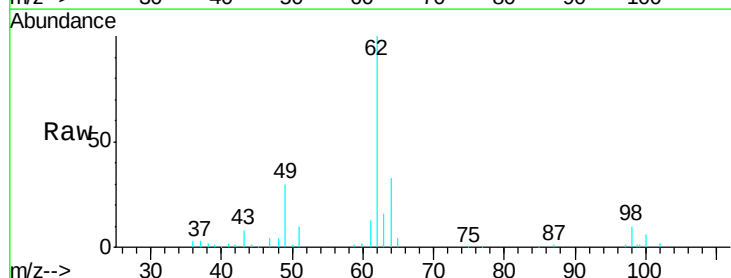
Instrument :
MSVOA_Y
ClientSampleId :
VY1022SBS01

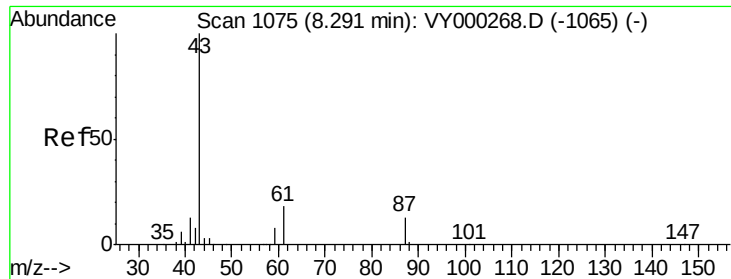
Tgt Ion: 41 Resp: 67201
Ion Ratio Lower Upper
41 100
39 47.2 110.2 165.2#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 21.152 ug/l
RT: 8.25 min Scan# 1069
Delta R.T. -0.00 min
Lab File: VY000360.D
Acq: 22 Oct 2019 13:18

Tgt Ion: 62 Resp: 75415
Ion Ratio Lower Upper
62 100
98 9.9 0.0 20.6





#43

Isopropyl Acetate

Concen: 19.582 ug/l

RT: 8.28 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VY000360.D

Acq: 22 Oct 2019 13:18

Instrument :

MSVOA_Y

ClientSampleId :

VY1022SBS01

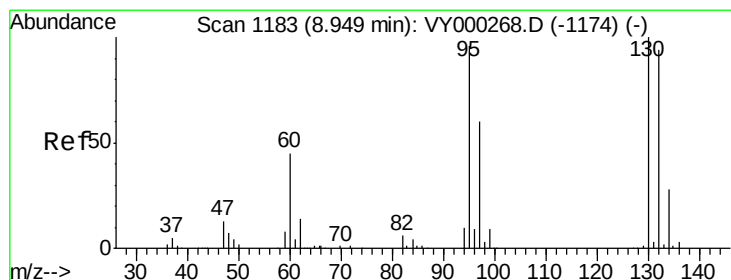
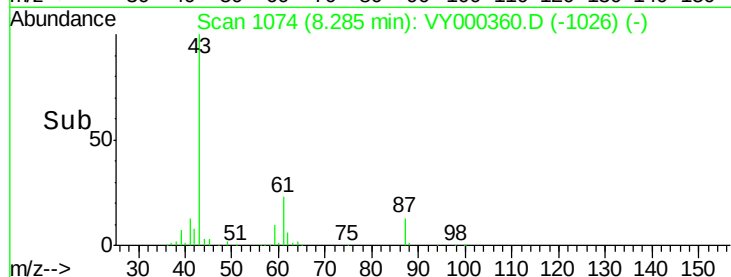
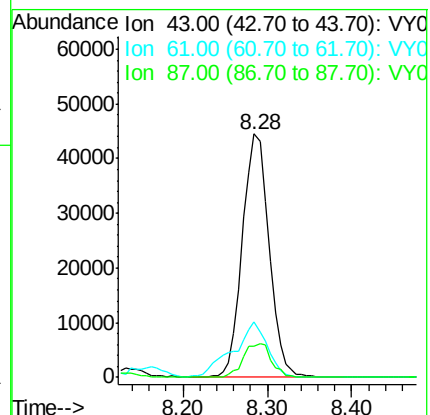
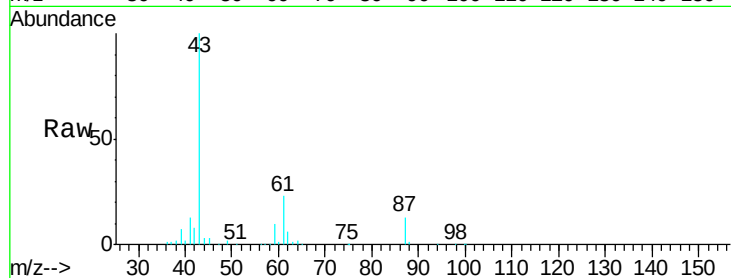
Tgt Ion: 43 Resp: 95223

Ion Ratio Lower Upper

43 100

61 29.3 22.3 33.5

87 14.3 10.9 16.3



#44

Trichloroethene

Concen: 20.514 ug/l

RT: 8.95 min Scan# 1183

Delta R.T. -0.00 min

Lab File: VY000360.D

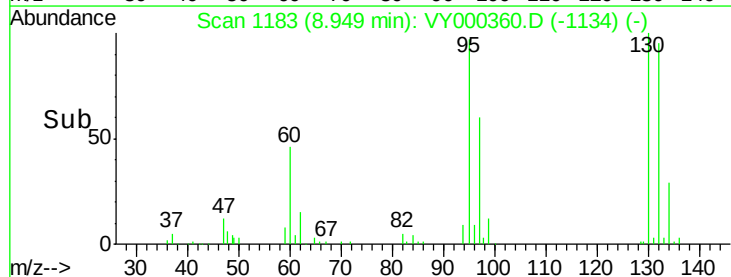
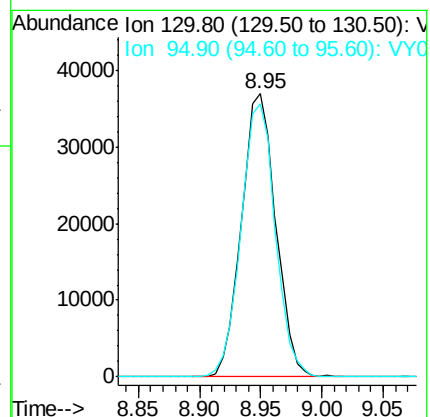
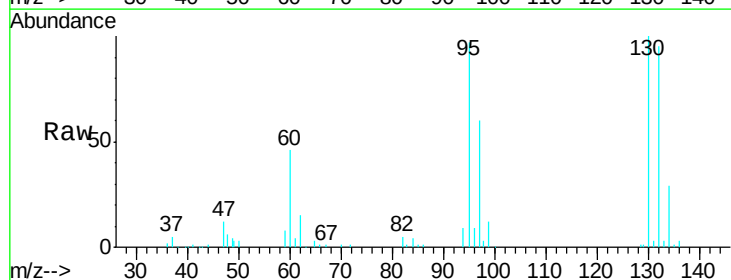
Acq: 22 Oct 2019 13:18

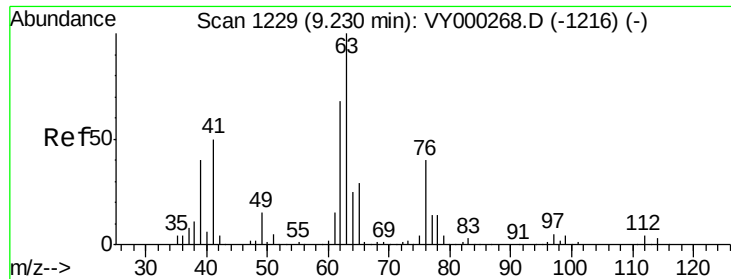
Tgt Ion: 130 Resp: 71846

Ion Ratio Lower Upper

130 100

95 96.6 0.0 191.4

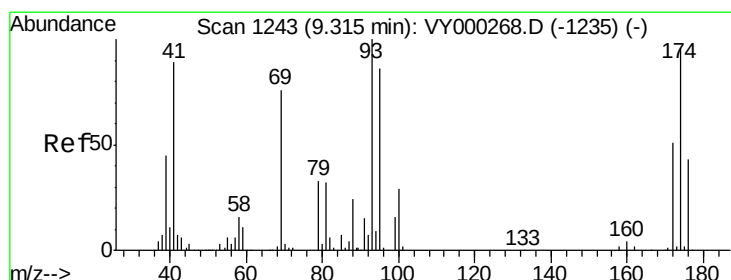
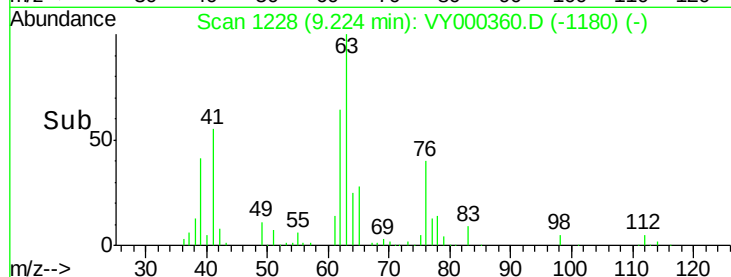
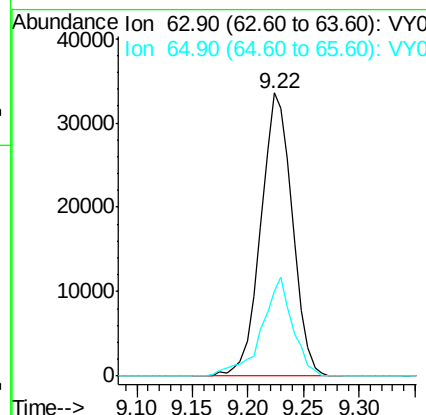
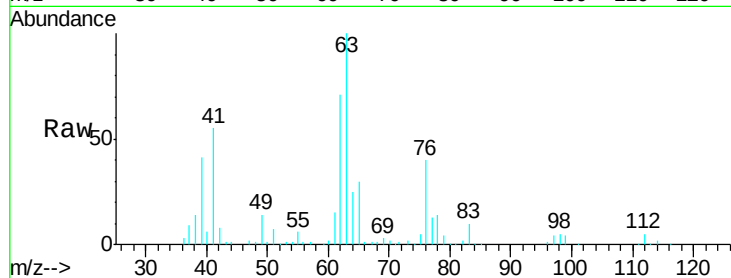




#45
 1,2-Dichloropropane
 Concen: 21.624 ug/l
 RT: 9.22 min Scan# 1228
 Delta R.T. -0.01 min
 Lab File: VY000360.D
 Acq: 22 Oct 2019 13:18

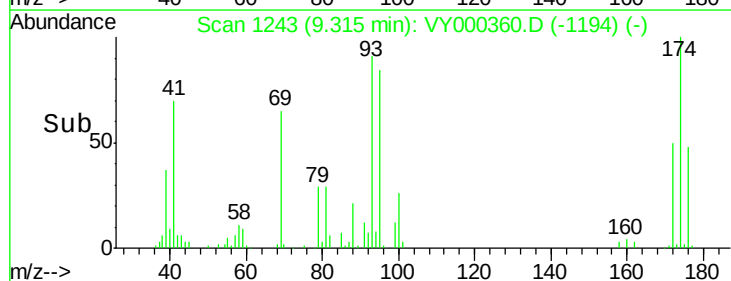
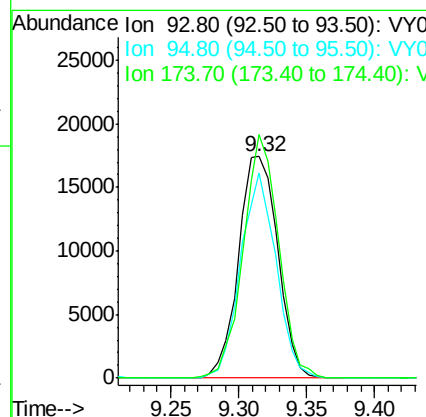
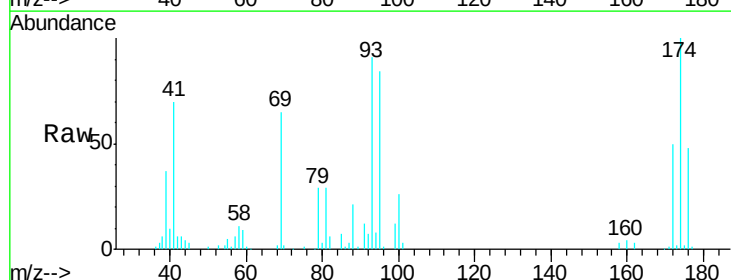
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1022SBS01

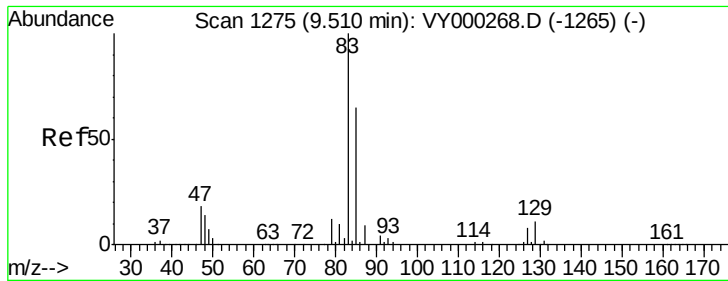
Tgt Ion: 63 Resp: 66237
 Ion Ratio Lower Upper
 63 100
 65 29.9 23.2 34.8



#46
 Dibromomethane
 Concen: 20.565 ug/l
 RT: 9.32 min Scan# 1243
 Delta R.T. -0.00 min
 Lab File: VY000360.D
 Acq: 22 Oct 2019 13:18

Tgt Ion: 93 Resp: 35214
 Ion Ratio Lower Upper
 93 100
 95 83.7 68.2 102.2
 174 99.1 79.8 119.6





#47

Bromodichloromethane

Concen: 20.910 ug/l

RT: 9.50 min Scan# 1274

Delta R.T. -0.01 min

Lab File: VY000360.D

Acq: 22 Oct 2019 13:18

Instrument :

MSVOA_Y

ClientSampleId :

VY1022SBS01

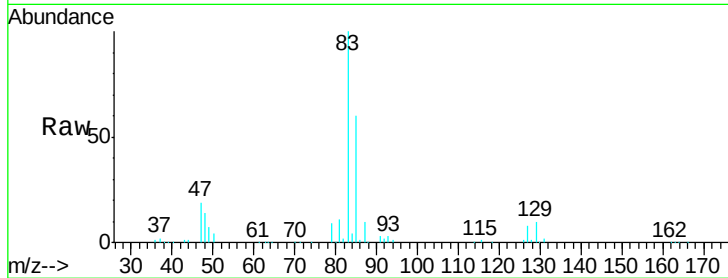
Tgt Ion: 83 Resp: 84382

Ion Ratio Lower Upper

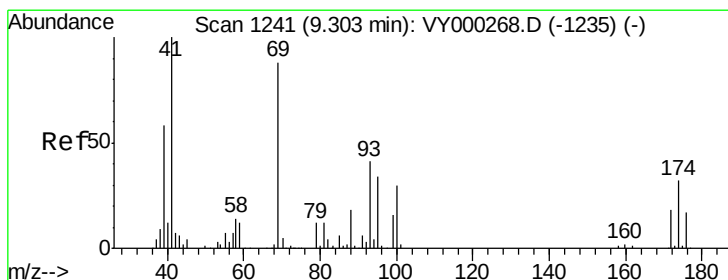
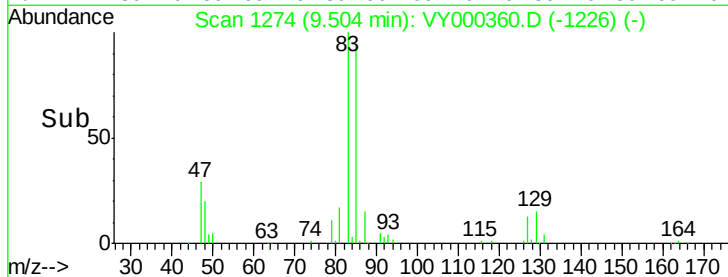
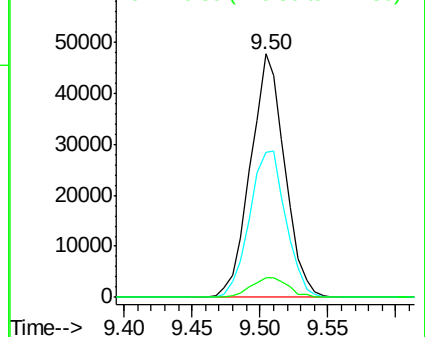
83 100

85 59.8 52.2 78.2

127 8.1 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: 19.585 ug/l

RT: 9.30 min Scan# 1241

Delta R.T. -0.00 min

Lab File: VY000360.D

Acq: 22 Oct 2019 13:18

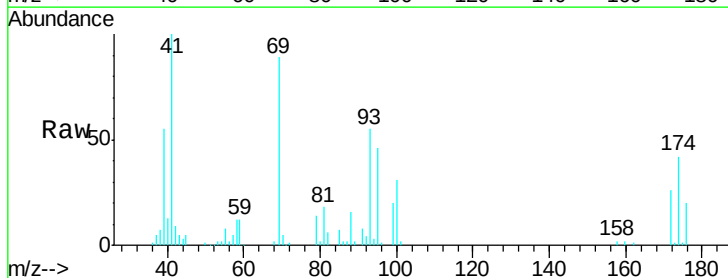
Tgt Ion: 41 Resp: 41739

Ion Ratio Lower Upper

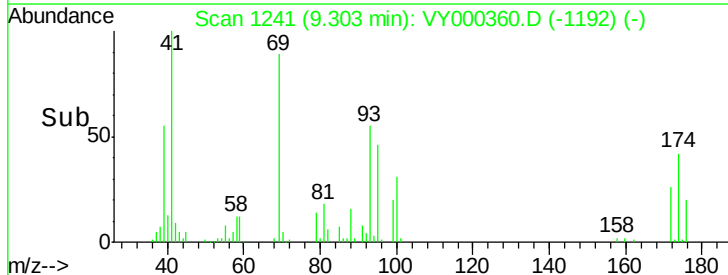
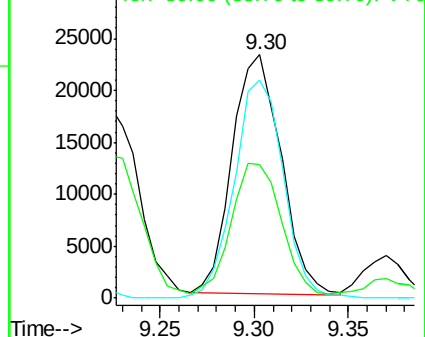
41 100

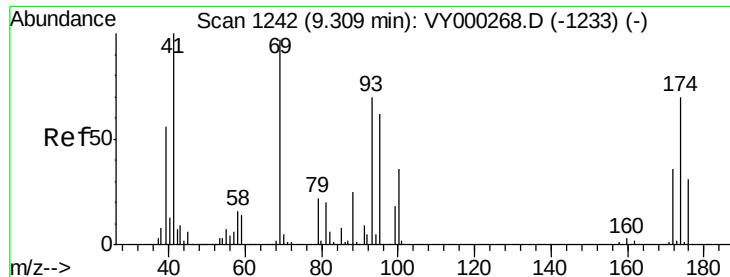
69 91.0 70.0 105.0

39 58.8 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

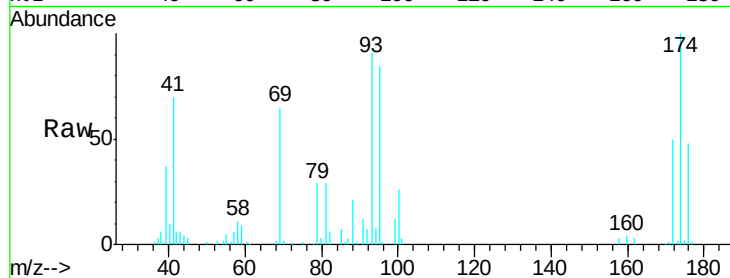




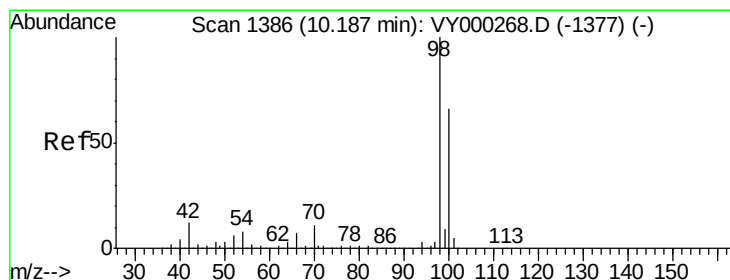
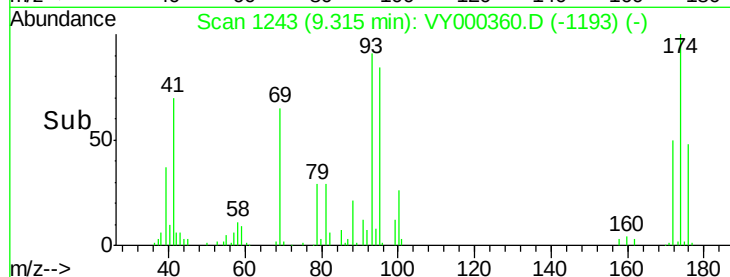
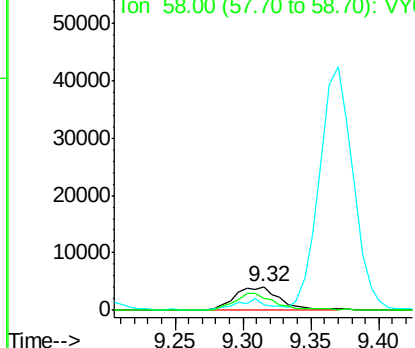
#49
1,4-Dioxane
Concen: 363.750 ug/l
RT: 9.32 min Scan# 1243
Delta R.T. 0.01 min
Lab File: VY000360.D
Acq: 22 Oct 2019 13:18

Instrument :
MSVOA_Y
ClientSampleId :
VY1022SBSD01

Tgt Ion: 88 Resp: 9339
Ion Ratio Lower Upper
88 100
43 34.0 25.6 38.4
58 63.6 54.6 81.8

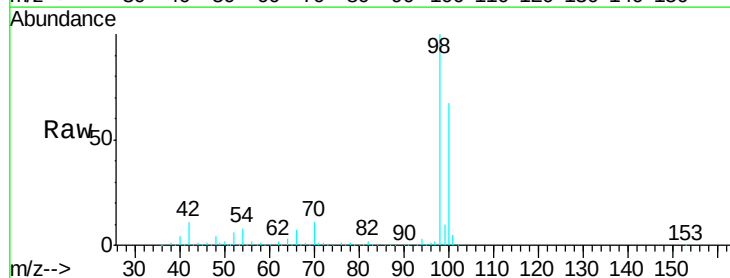


Abundance Ion 88.00 (87.70 to 88.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 58.00 (57.70 to 58.70): VY0

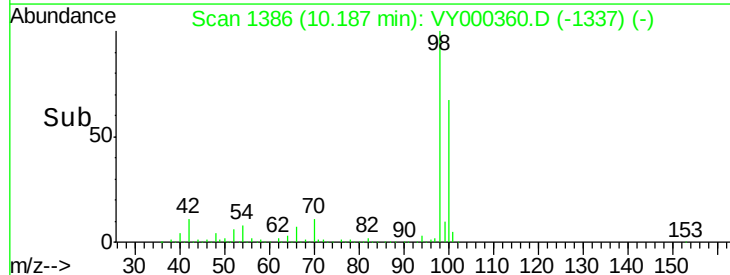
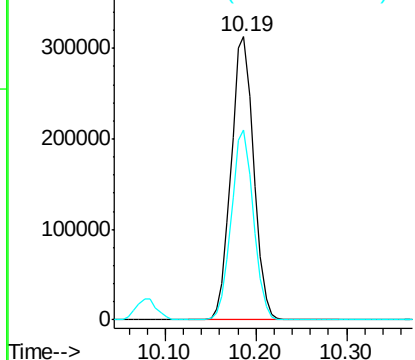


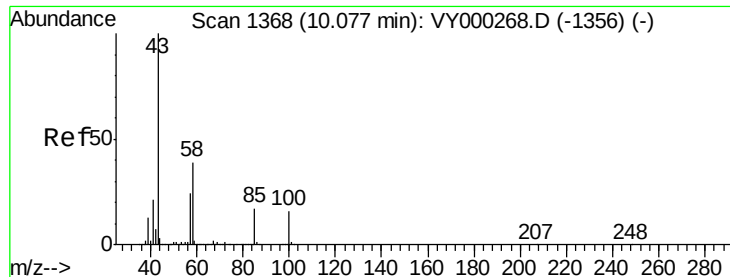
#50
Toluene-d8
Concen: 52.678 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. -0.00 min
Lab File: VY000360.D
Acq: 22 Oct 2019 13:18

Tgt Ion: 98 Resp: 539233
Ion Ratio Lower Upper
98 100
100 65.6 52.8 79.2



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





#51

4-Methyl-2-Pentanone

Concen: 102.080 ug/l

RT: 10.08 min Scan# 1368

Delta R.T. -0.00 min

Lab File: VY000360.D

Acq: 22 Oct 2019 13:18

Instrument :

MSVOA_Y

ClientSampleId :

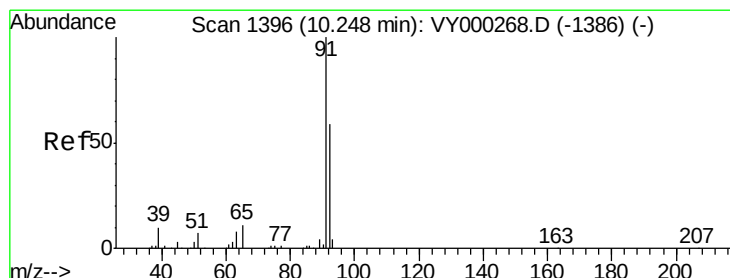
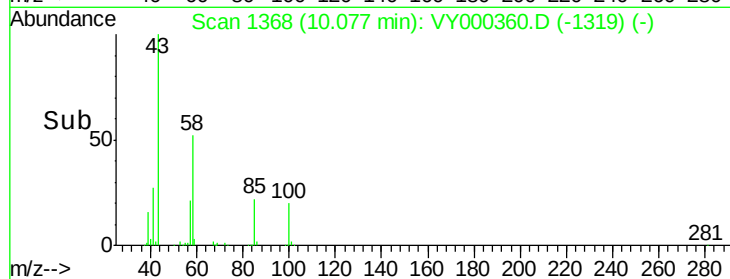
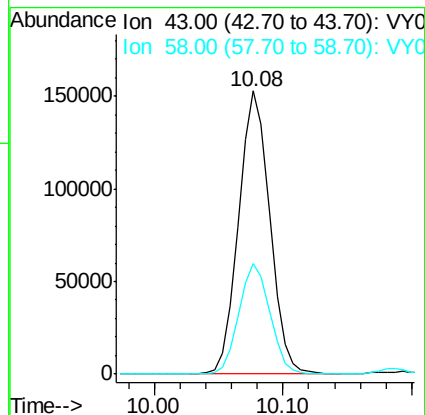
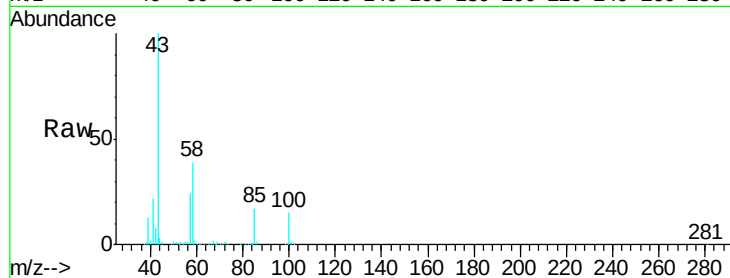
VY1022SBS01

Tgt Ion: 43 Resp: 256027

Ion Ratio Lower Upper

43 100

58 38.9 31.0 46.6



#52

Toluene

Concen: 20.880 ug/l

RT: 10.25 min Scan# 1396

Delta R.T. -0.00 min

Lab File: VY000360.D

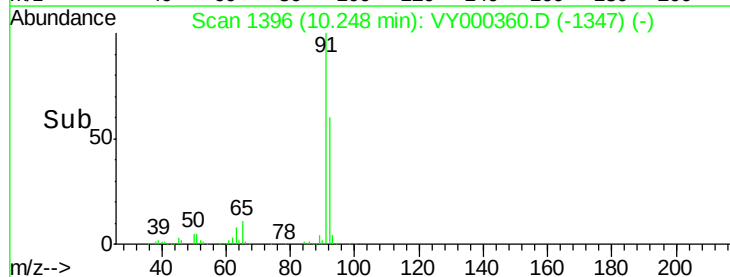
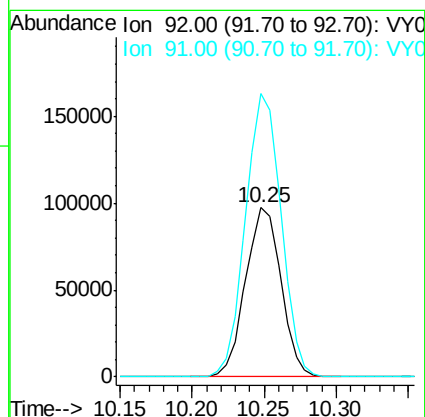
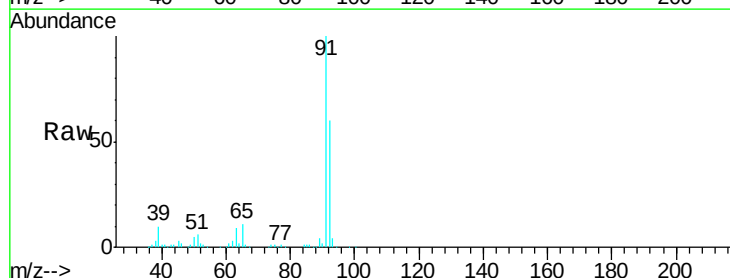
Acq: 22 Oct 2019 13:18

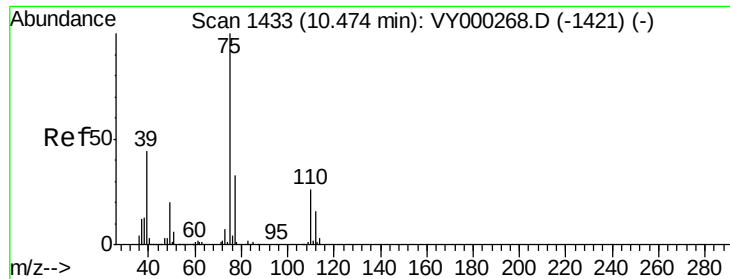
Tgt Ion: 92 Resp: 165465

Ion Ratio Lower Upper

92 100

91 168.9 136.6 205.0





#53

t-1,3-Dichloropropene

Concen: 20.760 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. -0.01 min

Lab File: VY000360.D

Acq: 22 Oct 2019 13:18

Instrument :

MSVOA_Y

ClientSampleId :

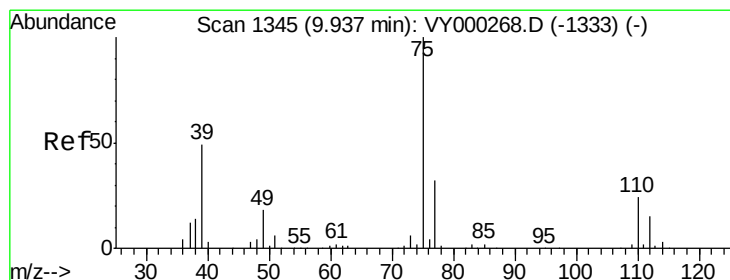
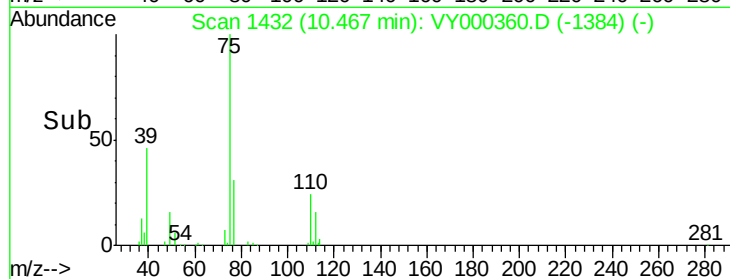
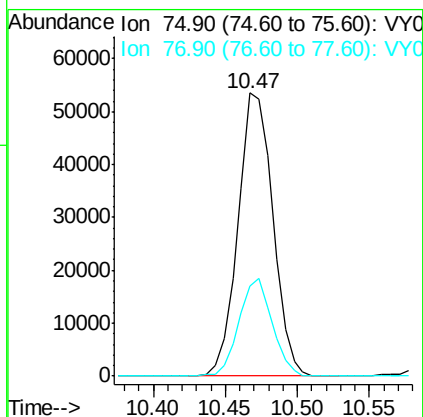
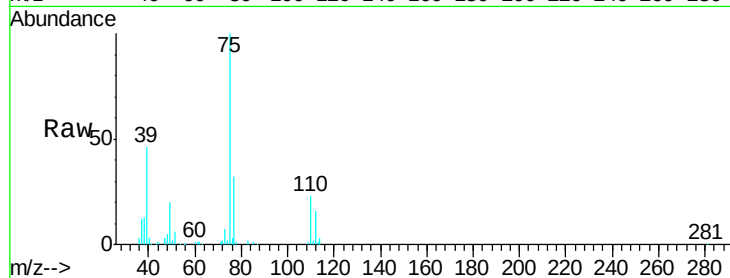
VY1022SBS01

Tgt Ion: 75 Resp: 89781

Ion Ratio Lower Upper

75 100

77 31.7 26.0 39.0



#54

cis-1,3-Dichloropropene

Concen: 20.812 ug/l

RT: 9.94 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VY000360.D

Acq: 22 Oct 2019 13:18

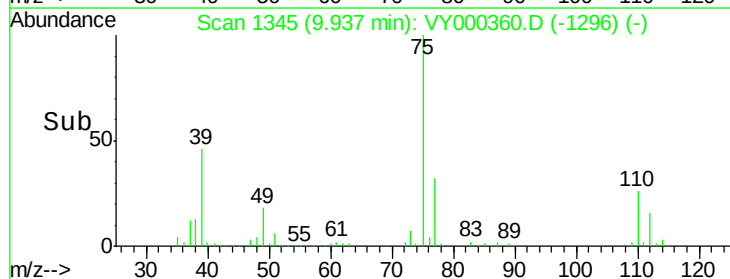
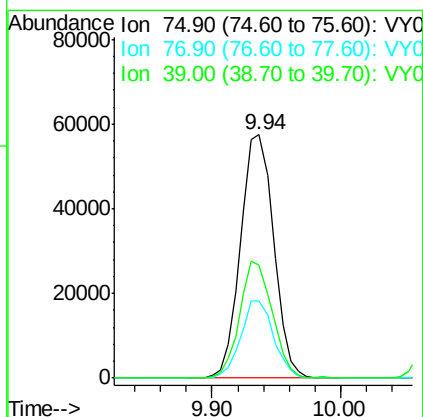
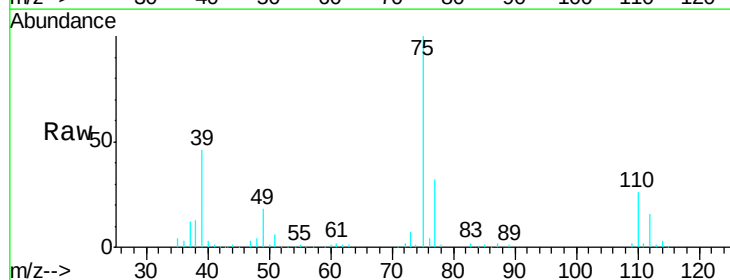
Tgt Ion: 75 Resp: 102216

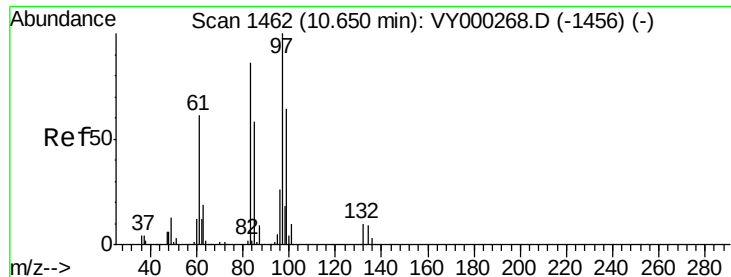
Ion Ratio Lower Upper

75 100

77 31.7 26.0 39.0

39 46.3 38.8 58.2

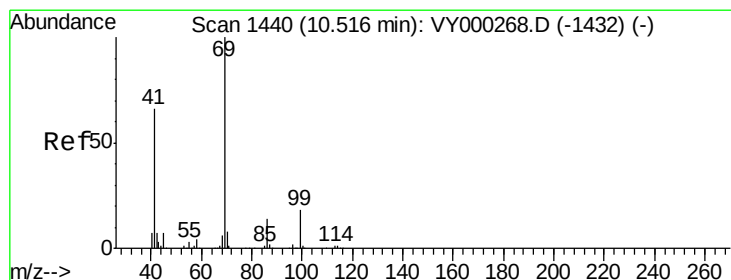
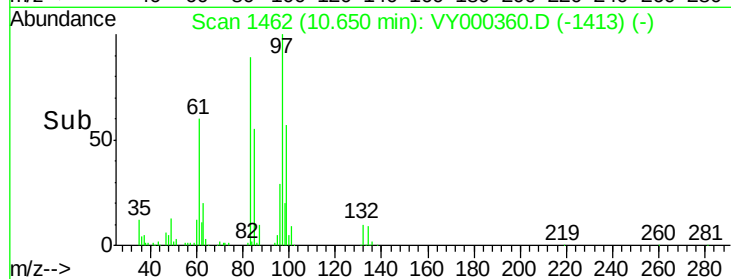
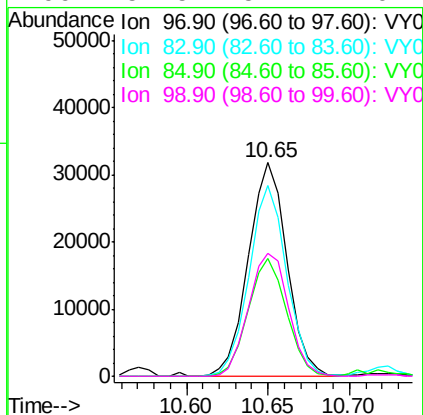
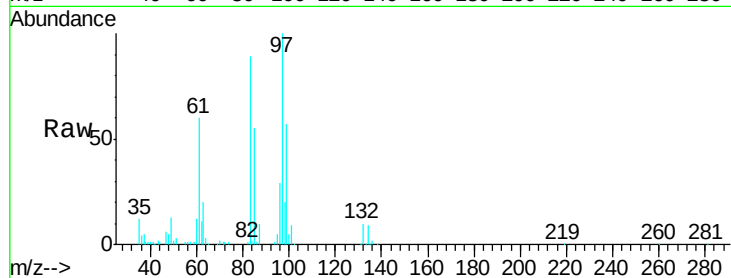




#55
 1,1,2-Trichloroethane
 Concen: 21.050 ug/l
 RT: 10.65 min Scan# 1462
 Delta R.T. -0.00 min
 Lab File: VY000360.D
 Acq: 22 Oct 2019 13:18

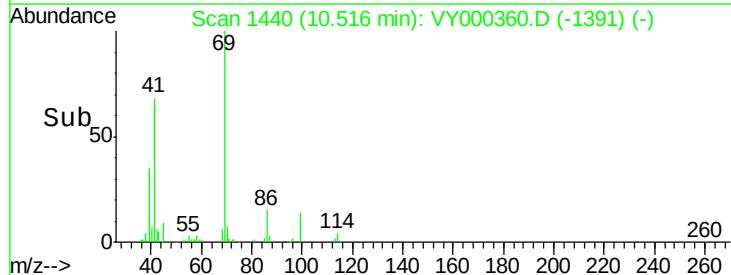
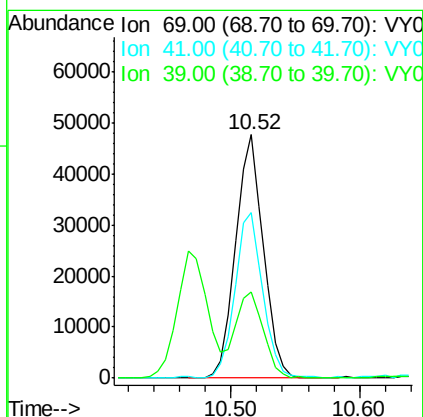
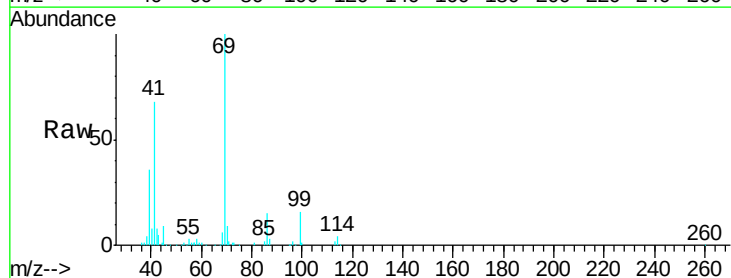
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1022SBS01

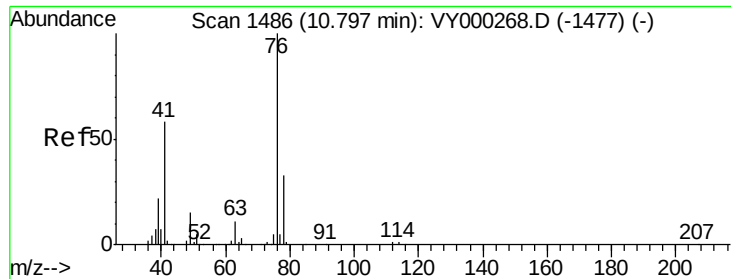
Tgt Ion: 97 Resp: 52407
 Ion Ratio Lower Upper
 97 100
 83 89.3 69.0 103.6
 85 55.2 46.2 69.4
 99 57.5 51.1 76.7



#56
 Ethyl methacrylate
 Concen: 20.028 ug/l
 RT: 10.52 min Scan# 1440
 Delta R.T. -0.00 min
 Lab File: VY000360.D
 Acq: 22 Oct 2019 13:18

Tgt Ion: 69 Resp: 71073
 Ion Ratio Lower Upper
 69 100
 41 67.9 52.5 78.7
 39 36.2 26.7 40.1





#57

1,3-Dichloropropane

Concen: 21.217 ug/l

RT: 10.80 min Scan# 1486

Delta R.T. -0.00 min

Lab File: VY000360.D

Acq: 22 Oct 2019 13:18

Instrument :

MSVOA_Y

ClientSampleId :

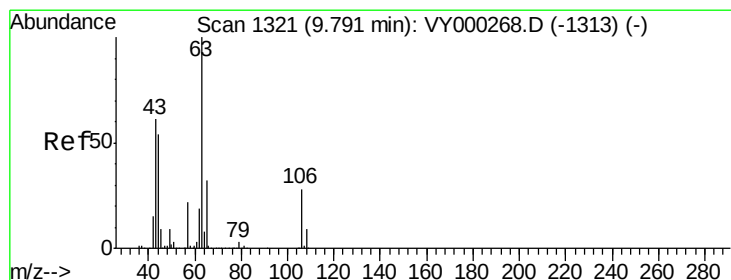
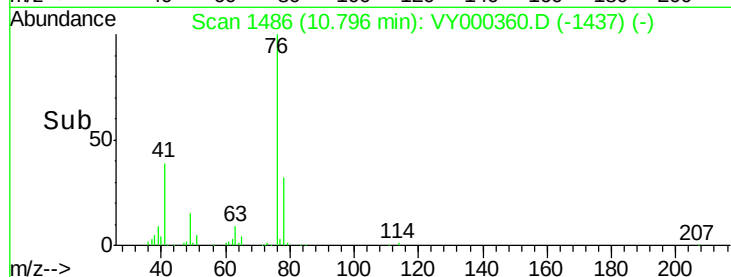
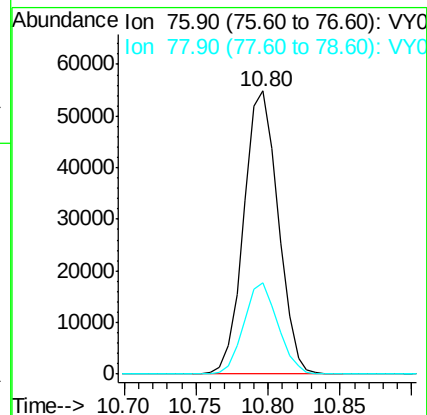
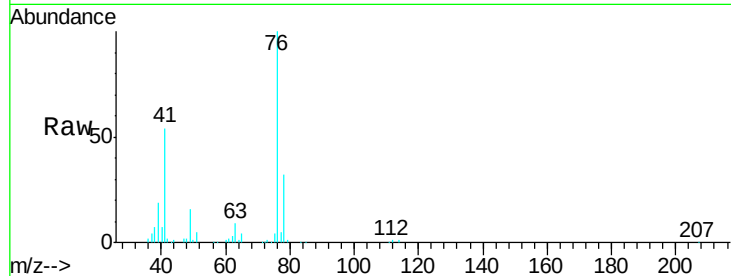
VY1022SBS01

Tgt Ion: 76 Resp: 90719

Ion Ratio Lower Upper

76 100

78 31.8 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 122.518 ug/l

RT: 9.79 min Scan# 1321

Delta R.T. -0.00 min

Lab File: VY000360.D

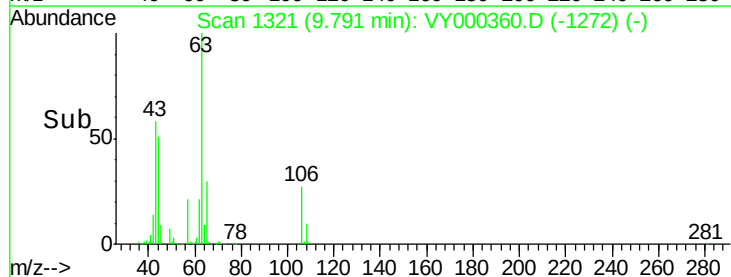
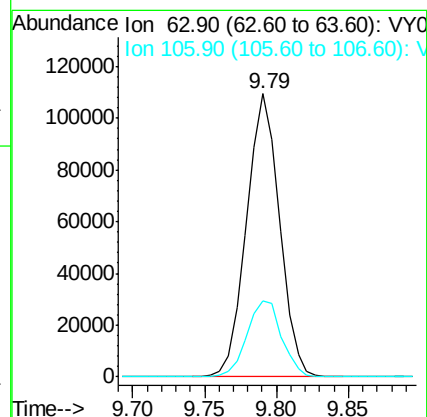
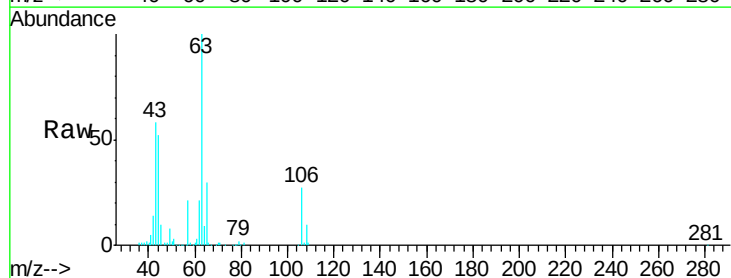
Acq: 22 Oct 2019 13:18

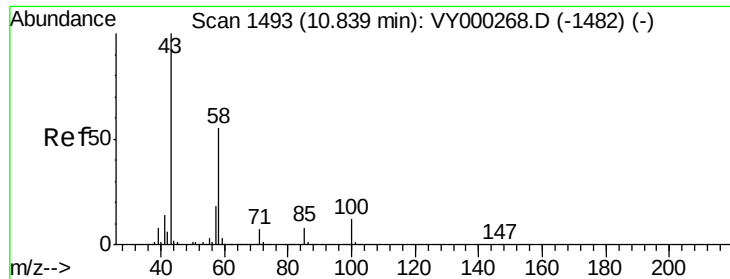
Tgt Ion: 63 Resp: 173419

Ion Ratio Lower Upper

63 100

106 28.1 23.0 34.4





#59

2-Hexanone

Concen: 104.527 ug/l

RT: 10.84 min Scan# 1493

Delta R.T. -0.00 min

Lab File: VY000360.D

Acq: 22 Oct 2019 13:18

Instrument :

MSVOA_Y

ClientSampleId :

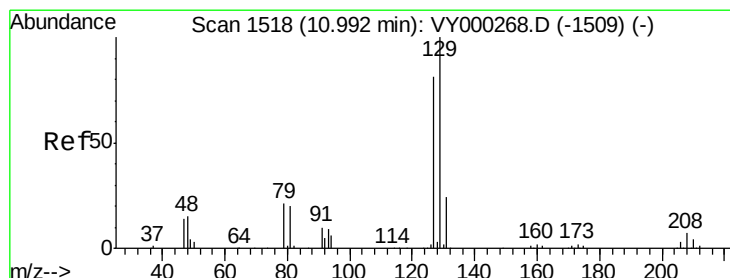
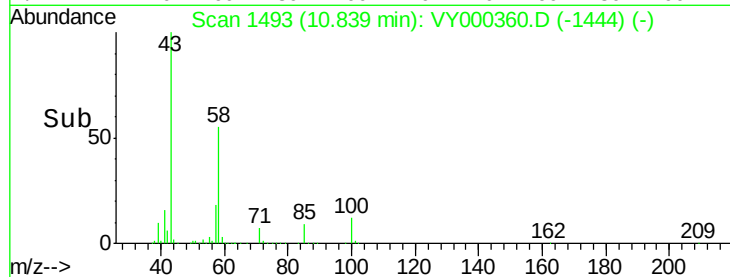
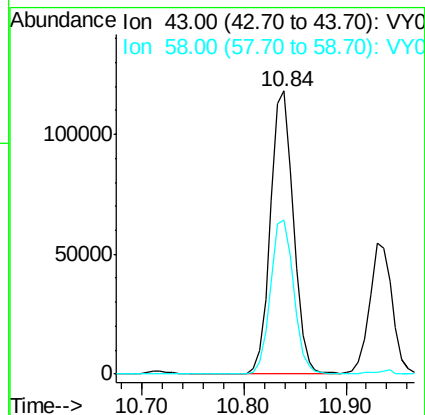
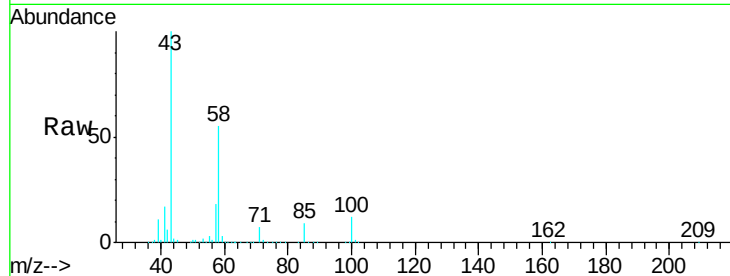
VY1022SBS01

Tgt Ion: 43 Resp: 184016

Ion Ratio Lower Upper

43 100

58 55.3 27.7 83.1



#60

Dibromochloromethane

Concen: 21.163 ug/l

RT: 10.99 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VY000360.D

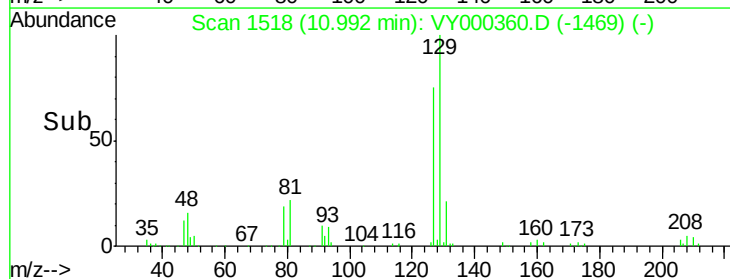
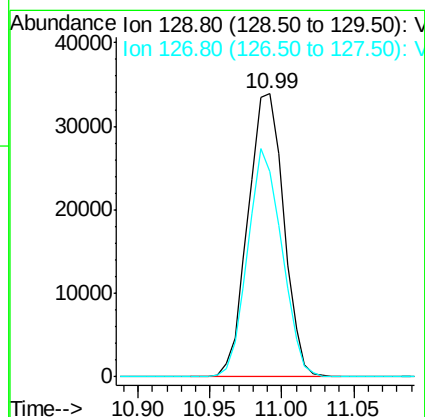
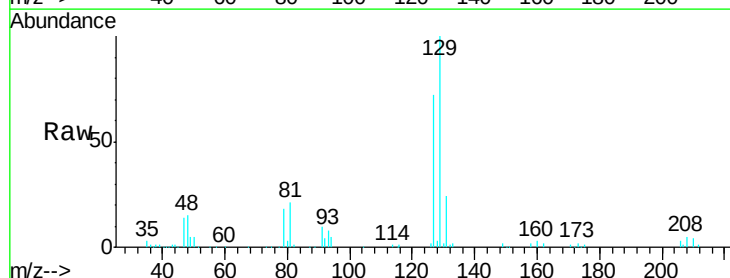
Acq: 22 Oct 2019 13:18

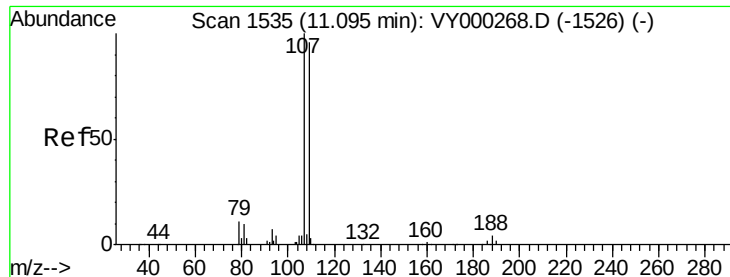
Tgt Ion: 129 Resp: 58398

Ion Ratio Lower Upper

129 100

127 76.8 39.9 119.7

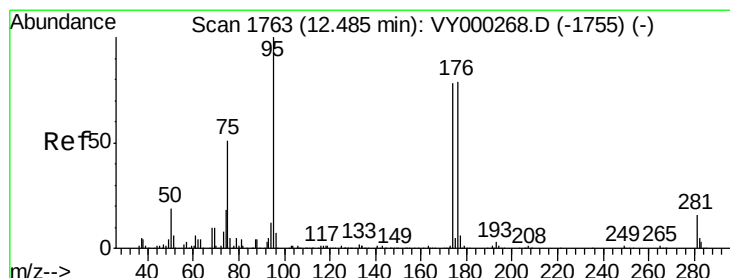
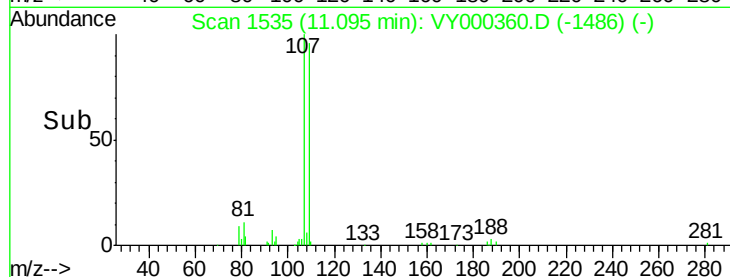
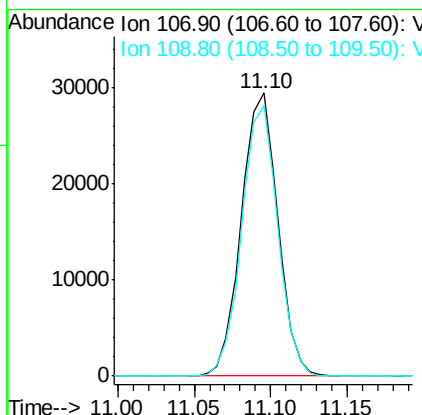
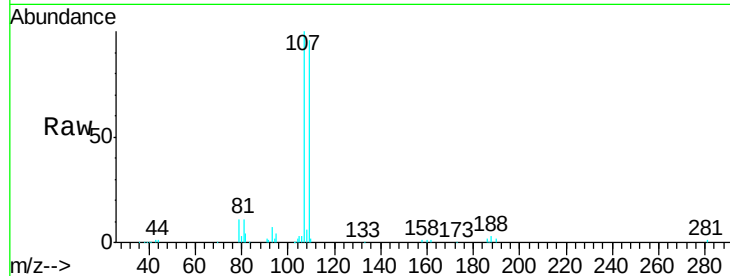




#61
 1,2-Dibromoethane
 Concen: 20.448 ug/l
 RT: 11.10 min Scan# 1535
 Delta R.T. -0.00 min
 Lab File: VY000360.D
 Acq: 22 Oct 2019 13:18

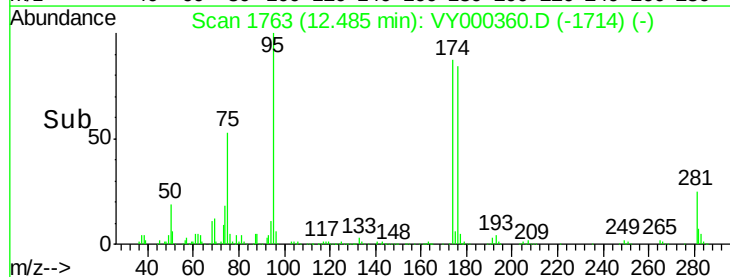
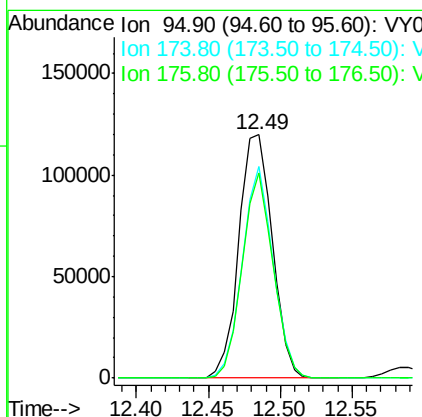
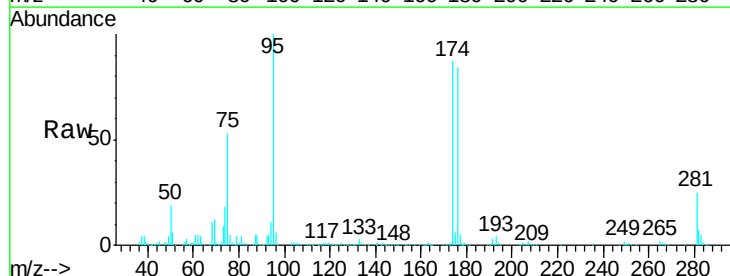
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1022SBS01

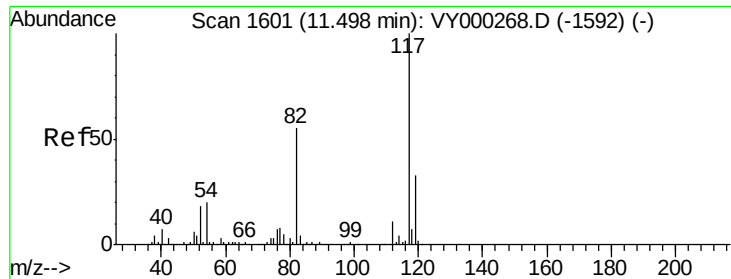
Tgt Ion: 107 Resp: 48881
 Ion Ratio Lower Upper
 107 100
 109 94.6 75.1 112.7



#62
 4-Bromofluorobenzene
 Concen: 49.690 ug/l
 RT: 12.49 min Scan# 1763
 Delta R.T. -0.00 min
 Lab File: VY000360.D
 Acq: 22 Oct 2019 13:18

Tgt Ion: 95 Resp: 193243
 Ion Ratio Lower Upper
 95 100
 174 79.8 0.0 159.6
 176 77.5 0.0 153.8

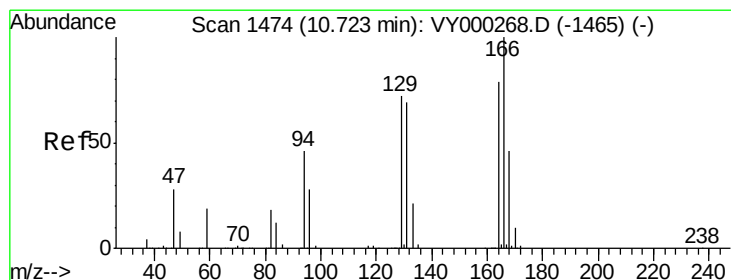
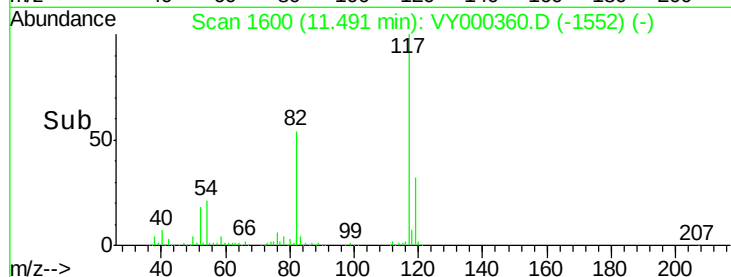
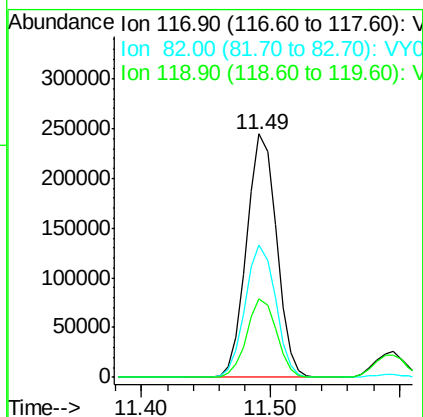
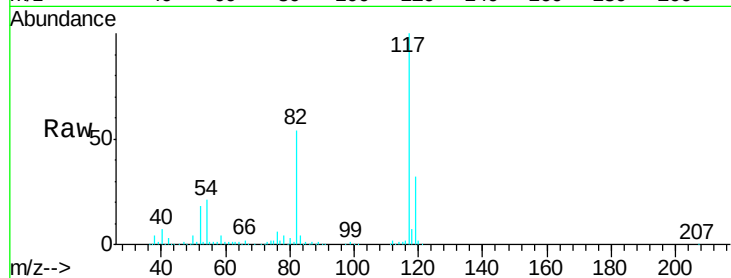




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY000360.D
Acq: 22 Oct 2019 13:18

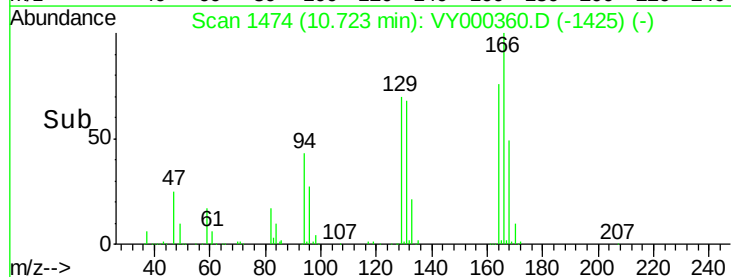
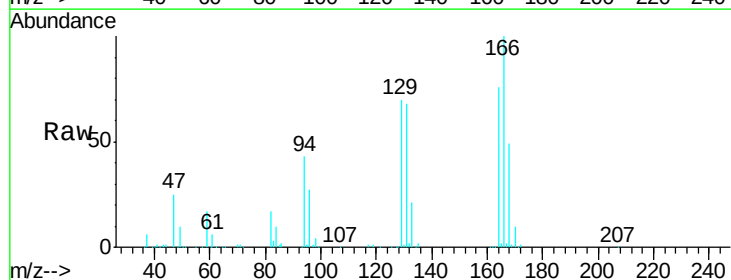
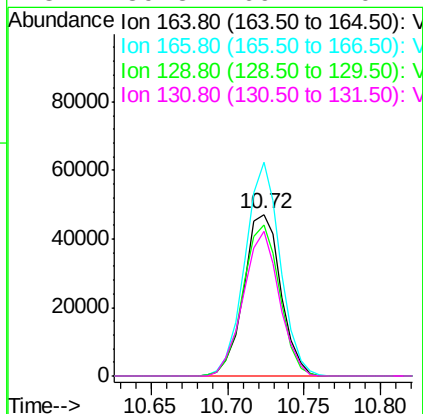
Instrument :
MSVOA_Y
ClientSampleId :
VY1022SBSD01

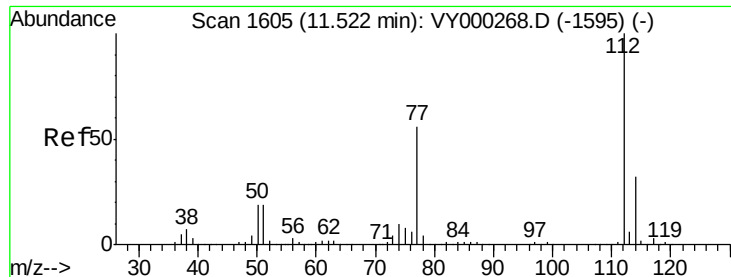
Tgt Ion:117 Resp: 393123
Ion Ratio Lower Upper
117 100
82 54.3 43.7 65.5
119 32.1 26.6 39.8



#64
Tetrachloroethene
Concen: 21.119 ug/l
RT: 10.72 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VY000360.D
Acq: 22 Oct 2019 13:18

Tgt Ion:164 Resp: 79041
Ion Ratio Lower Upper
164 100
166 132.1 100.6 151.0
129 93.1 72.8 109.2
131 89.3 69.4 104.2

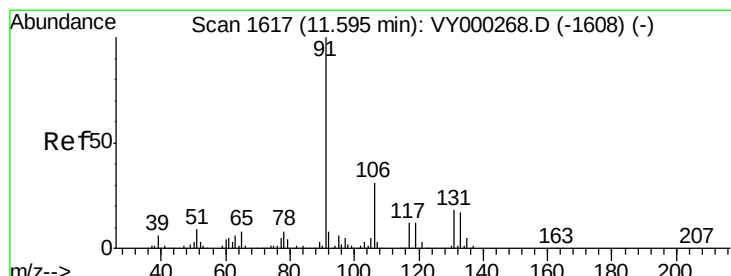
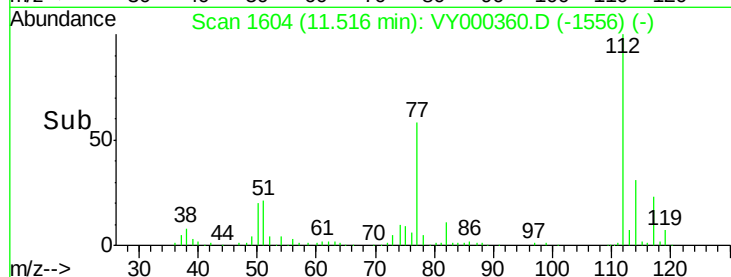
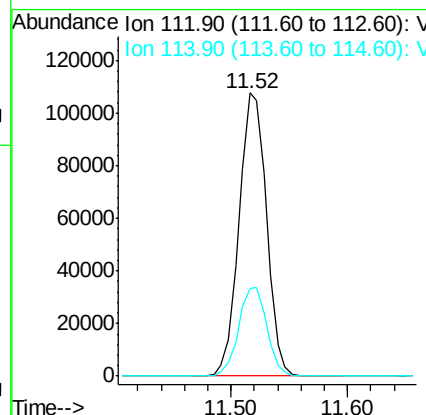
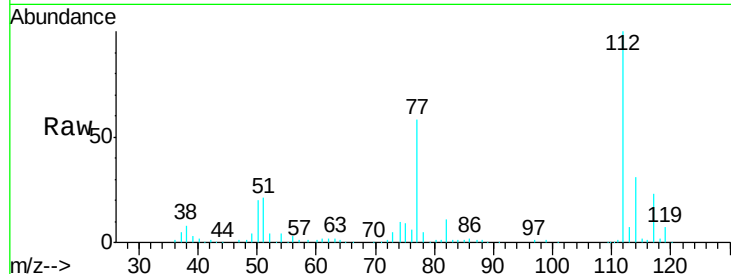




#65
Chlorobenzene
Concen: 21.341 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.01 min
Lab File: VY000360.D
Acq: 22 Oct 2019 13:18

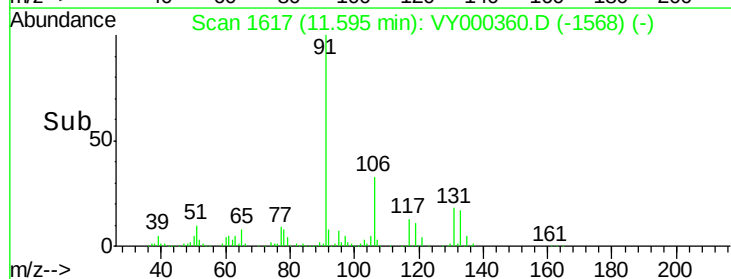
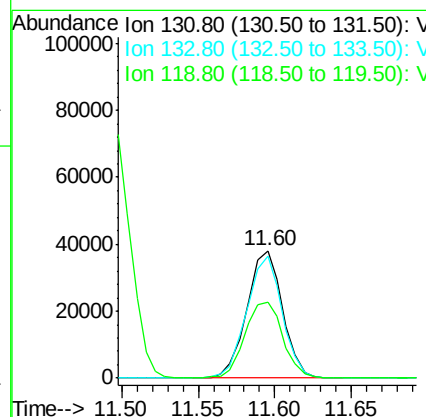
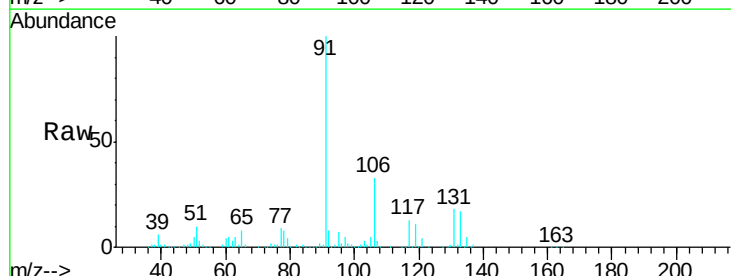
Instrument :
MSVOA_Y
ClientSampleId :
VY1022SBS01

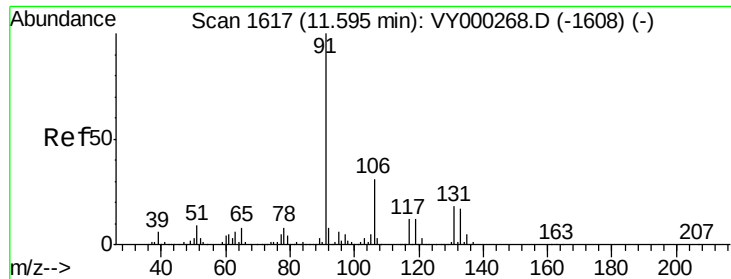
Tgt Ion:112 Resp: 177056
Ion Ratio Lower Upper
112 100
114 31.0 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 21.087 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. -0.00 min
Lab File: VY000360.D
Acq: 22 Oct 2019 13:18

Tgt Ion:131 Resp: 61458
Ion Ratio Lower Upper
131 100
133 95.2 47.2 141.6
119 63.4 32.6 98.0

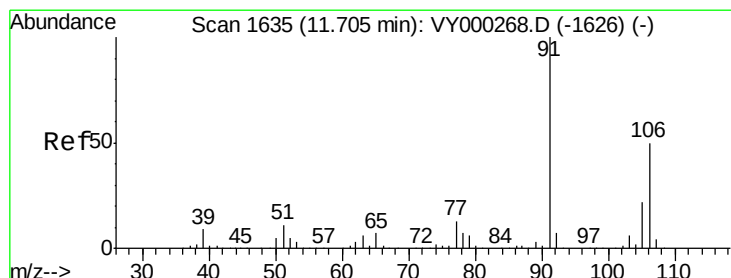
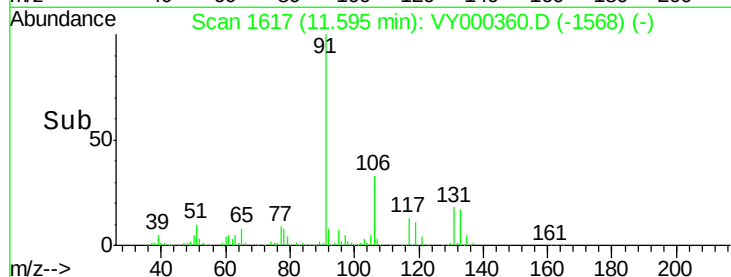
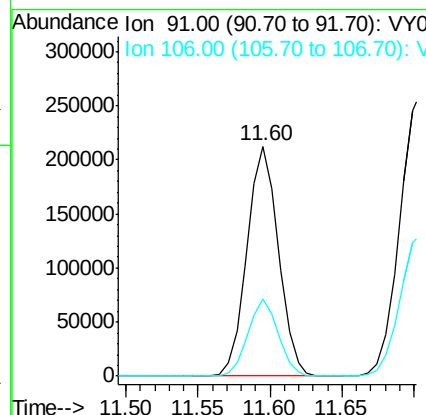
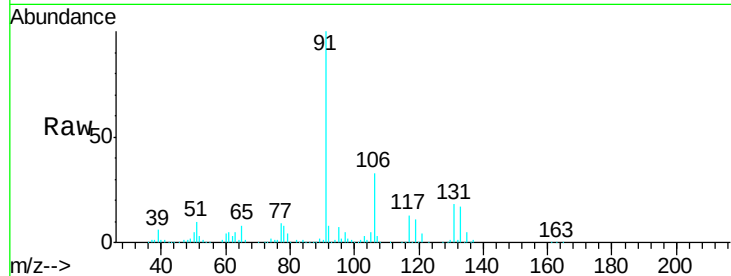




#67
Ethyl Benzene
Concen: 20.791 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. -0.00 min
Lab File: VY000360.D
Acq: 22 Oct 2019 13:18

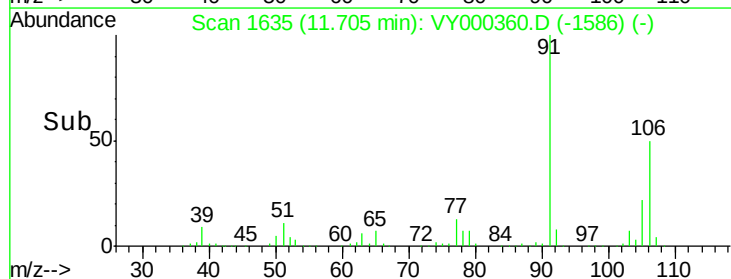
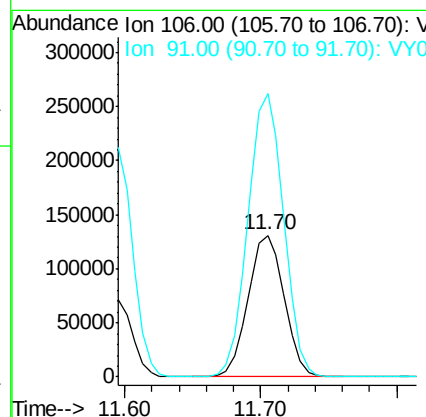
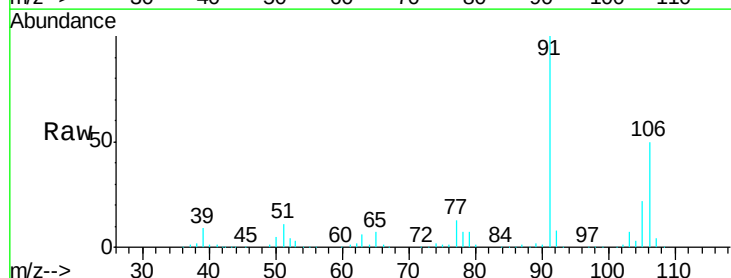
Instrument :
MSVOA_Y
ClientSampleId :
VY1022SBS01

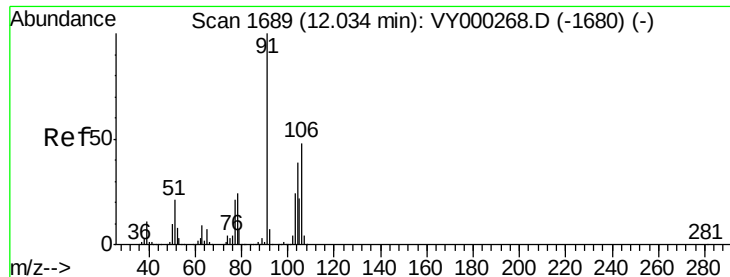
Tgt Ion: 91 Resp: 319769
Ion Ratio Lower Upper
91 100
106 33.4 25.0 37.6



#68
m/p-Xylenes
Concen: 41.225 ug/l
RT: 11.70 min Scan# 1635
Delta R.T. -0.00 min
Lab File: VY000360.D
Acq: 22 Oct 2019 13:18

Tgt Ion: 106 Resp: 242384
Ion Ratio Lower Upper
106 100
91 198.5 157.5 236.3

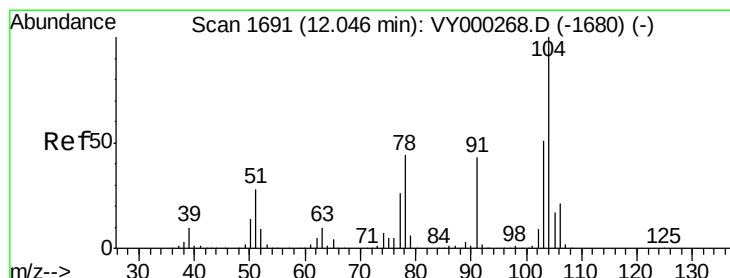
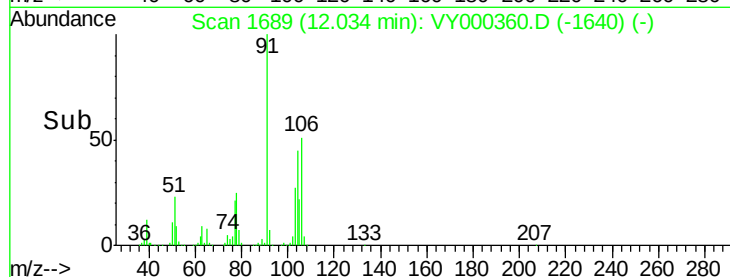
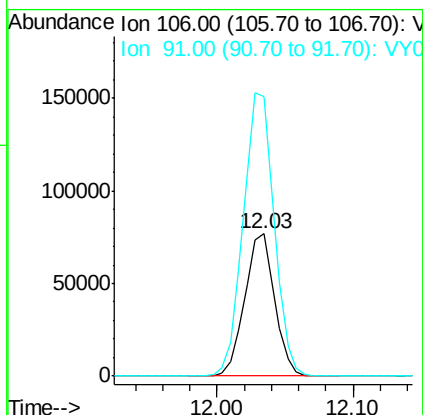
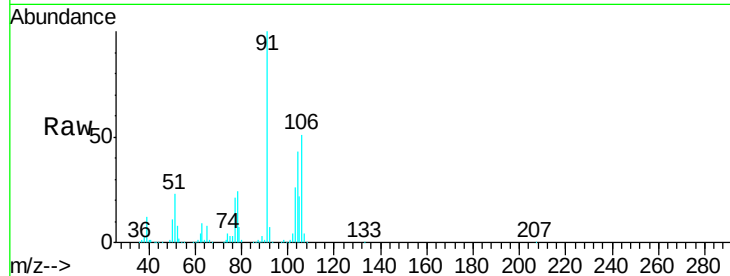




#69
o-Xylene
Concen: 21.110 ug/l
RT: 12.03 min Scan# 1689
Delta R.T. -0.00 min
Lab File: VY000360.D
Acq: 22 Oct 2019 13:18

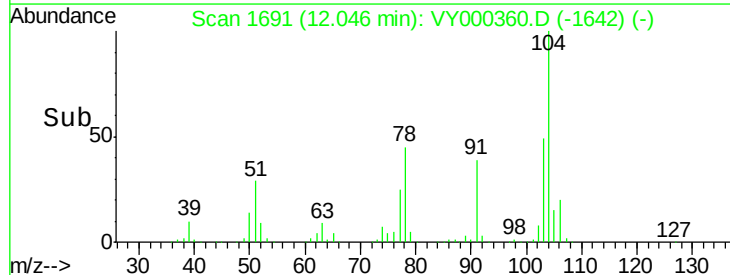
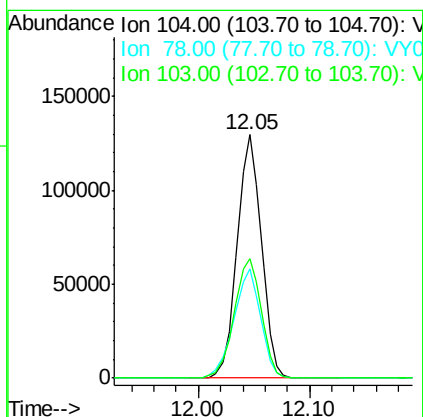
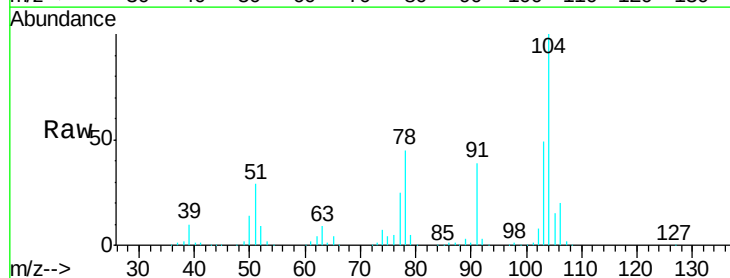
Instrument :
MSVOA_Y
ClientSampleId :
VY1022SBS01

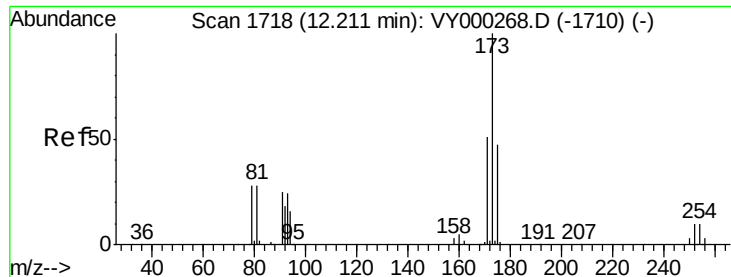
Tgt Ion:106 Resp: 118404
Ion Ratio Lower Upper
106 100
91 205.7 104.7 313.9



#70
Styrene
Concen: 20.686 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. -0.00 min
Lab File: VY000360.D
Acq: 22 Oct 2019 13:18

Tgt Ion:104 Resp: 195681
Ion Ratio Lower Upper
104 100
78 49.4 39.0 58.6
103 54.5 43.1 64.7





#71

Bromoform

Concen: 20.891 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. -0.00 min

Lab File: VY000360.D

Acq: 22 Oct 2019 13:18

Instrument :

MSVOA_Y

ClientSampleId :

VY1022SBS01

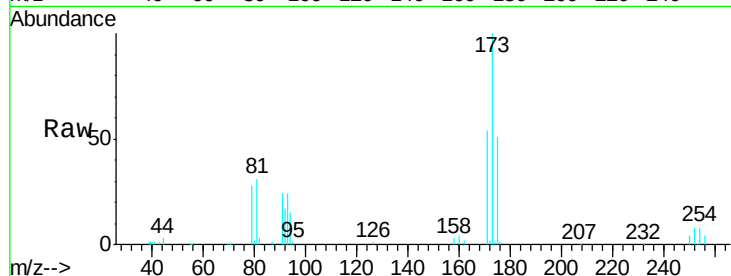
Tgt Ion:173 Resp: 35001

Ion Ratio Lower Upper

173 100

175 48.8 24.6 73.6

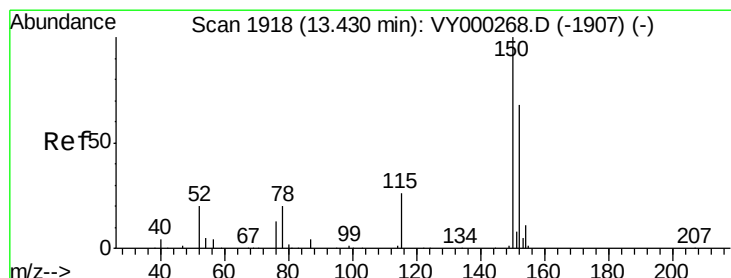
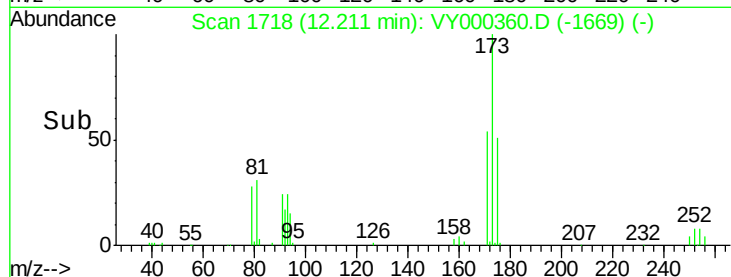
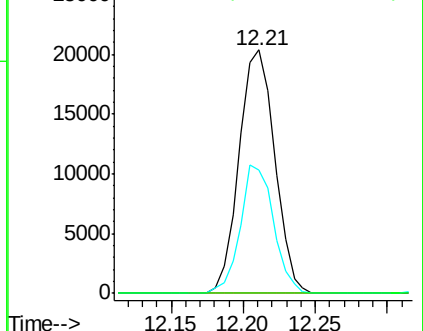
254 0.0 0.1 0.1#



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: VY000360.D

Acq: 22 Oct 2019 13:18

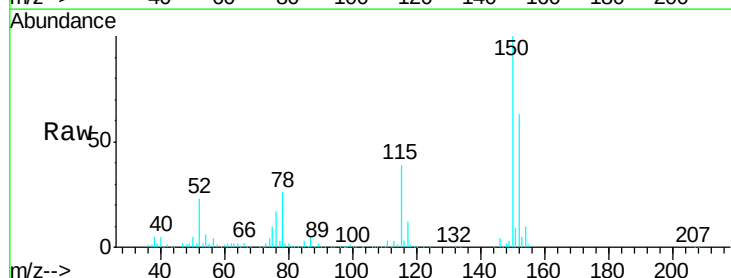
Tgt Ion:152 Resp: 194343

Ion Ratio Lower Upper

152 100

115 59.7 29.3 88.0

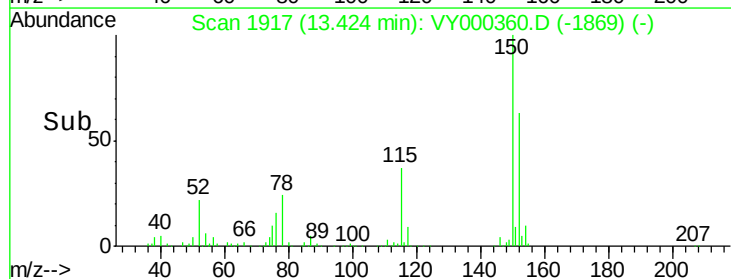
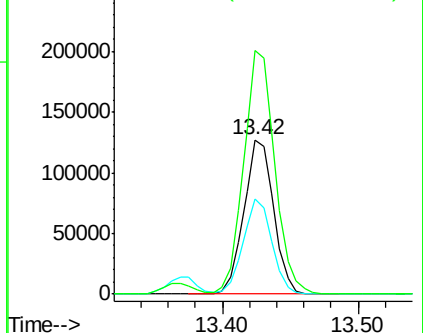
150 165.1 0.0 348.4

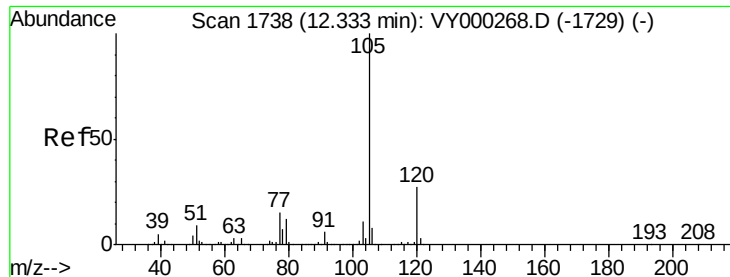


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.513 ug/l

RT: 12.33 min Scan# 1738

Delta R.T. -0.00 min

Lab File: VY000360.D

Acq: 22 Oct 2019 13:18

Instrument :

MSVOA_Y

ClientSampleId :

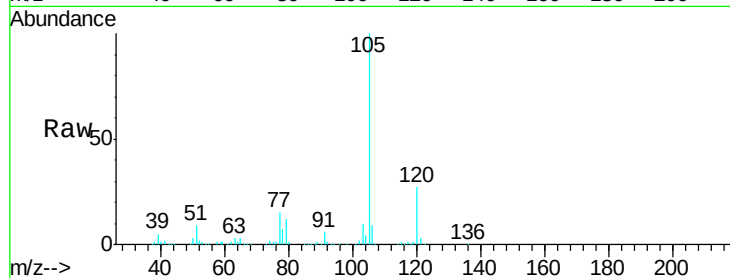
VY1022SBS01

Tgt Ion:105 Resp: 310843

Ion Ratio Lower Upper

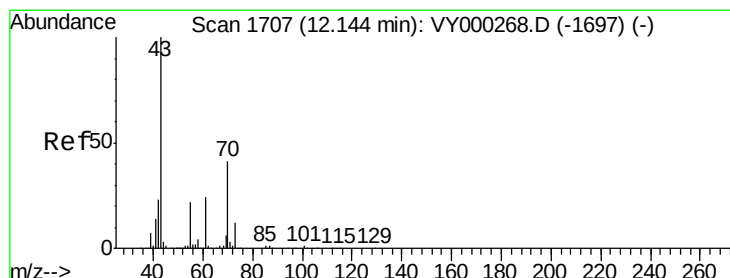
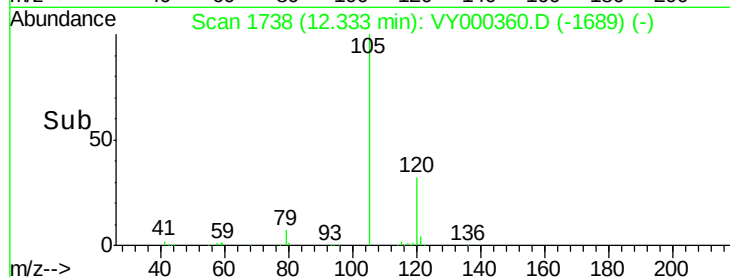
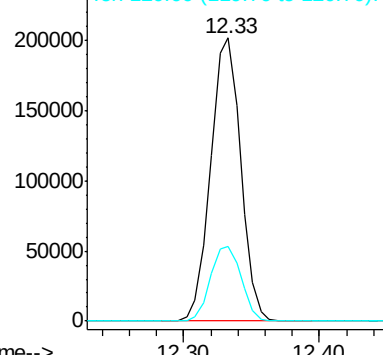
105 100

120 27.1 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 23.196 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VY000360.D

Acq: 22 Oct 2019 13:18

Tgt Ion: 43 Resp: 86295

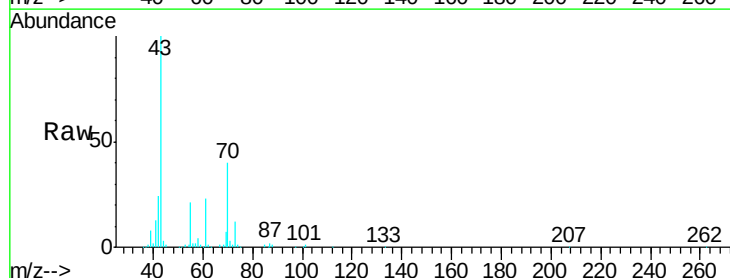
Ion Ratio Lower Upper

43 100

70 41.6 32.9 49.3

55 22.8 17.8 26.6

61 23.6 19.5 29.3

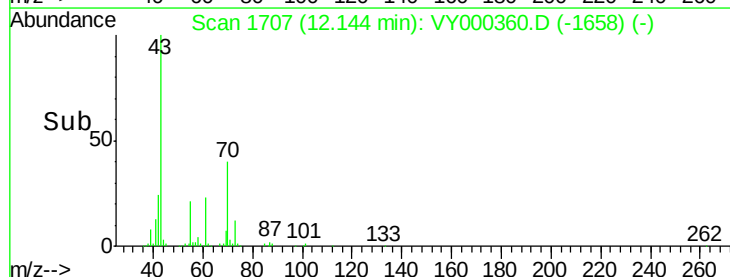
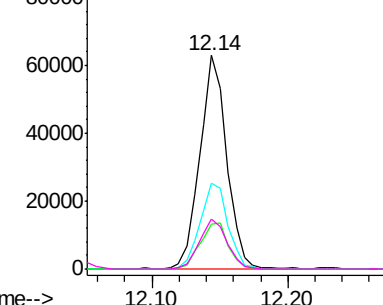


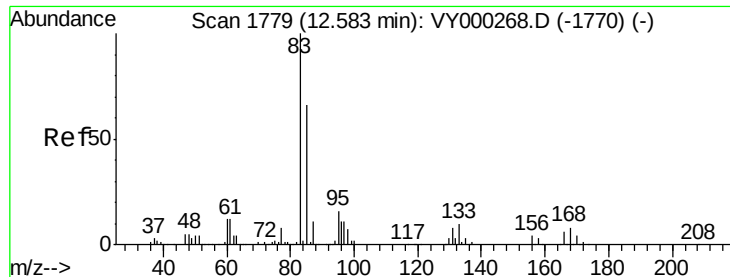
Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0





#75

1,1,2,2-Tetrachloroethane

Concen: 19.785 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY000360.D

Acq: 22 Oct 2019 13:18

Instrument :

MSVOA_Y

ClientSampleId :

VY1022SBSD01

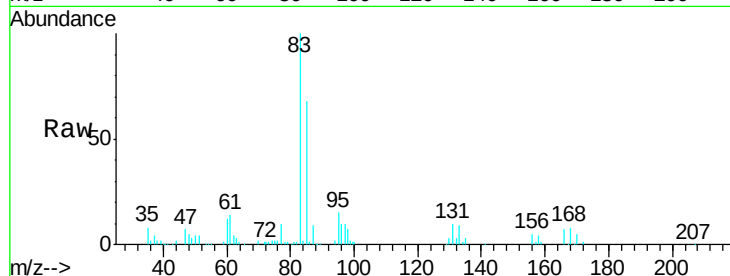
Tgt Ion: 83 Resp: 56293

Ion Ratio Lower Upper

83 100

131 10.3 5.3 16.1

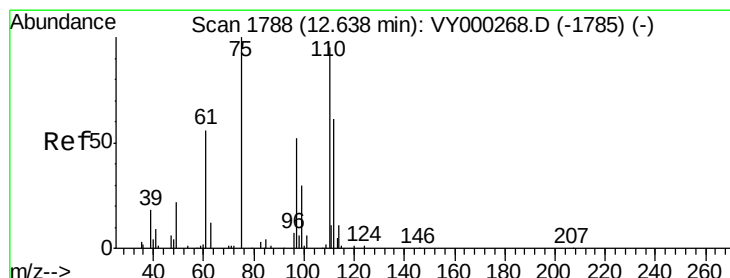
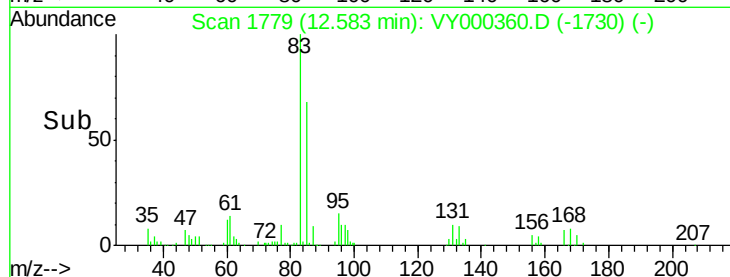
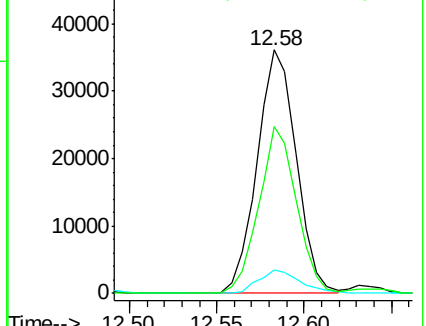
85 66.1 32.9 98.7



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: 34.511 ug/l

RT: 12.64 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VY000360.D

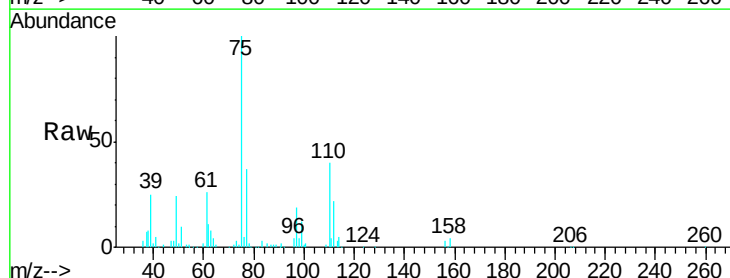
Acq: 22 Oct 2019 13:18

Tgt Ion: 75 Resp: 82473

Ion Ratio Lower Upper

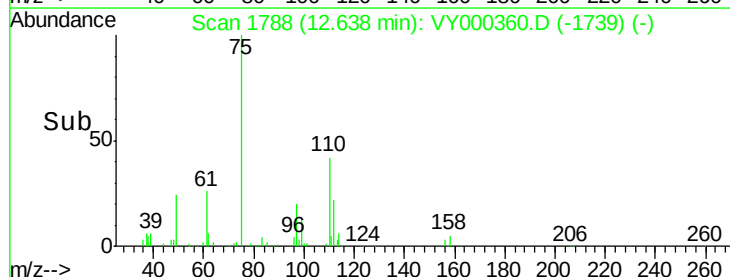
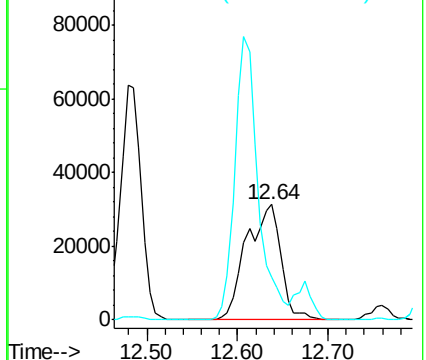
75 100

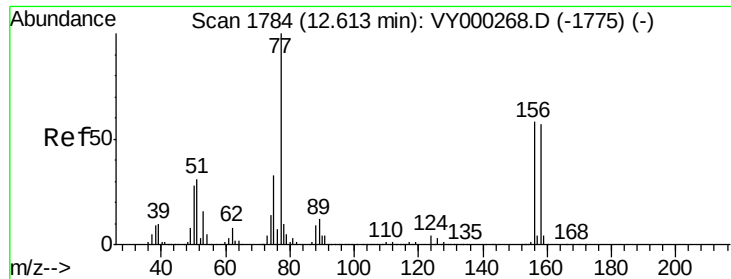
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0





#77

Bromobenzene

Concen: 20.858 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.01 min

Lab File: VY000360.D

Acq: 22 Oct 2019 13:18

Instrument :

MSVOA_Y

ClientSampleId :

VY1022SBS01

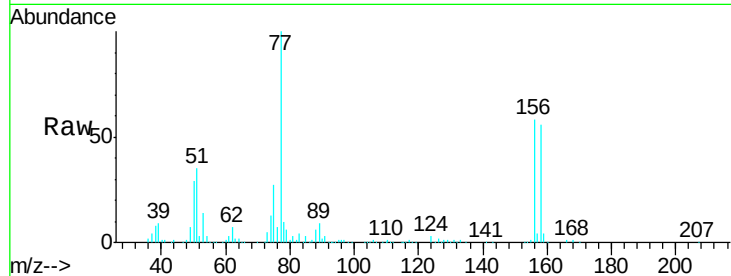
Tgt Ion:156 Resp: 70333

Ion Ratio Lower Upper

156 100

77 196.2 101.0 302.9

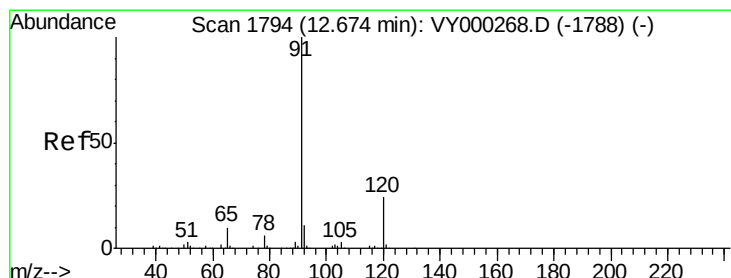
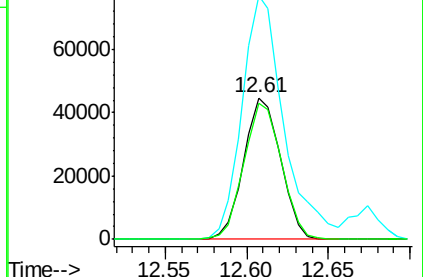
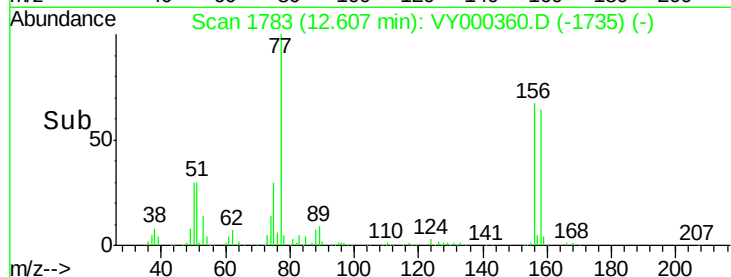
158 98.9 49.7 149.1



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.704 ug/l

RT: 12.67 min Scan# 1794

Delta R.T. -0.00 min

Lab File: VY000360.D

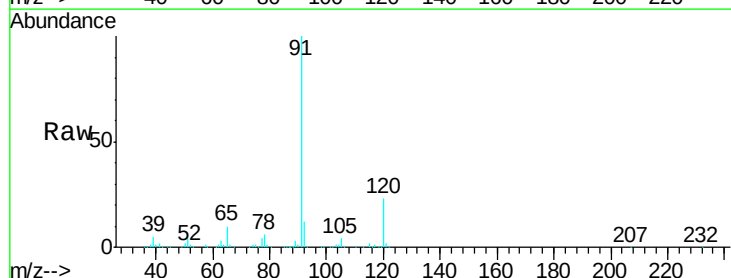
Acq: 22 Oct 2019 13:18

Tgt Ion: 91 Resp: 376684

Ion Ratio Lower Upper

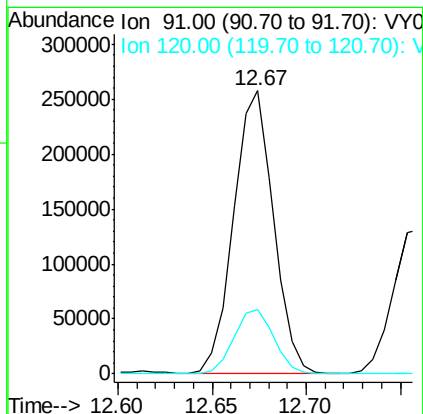
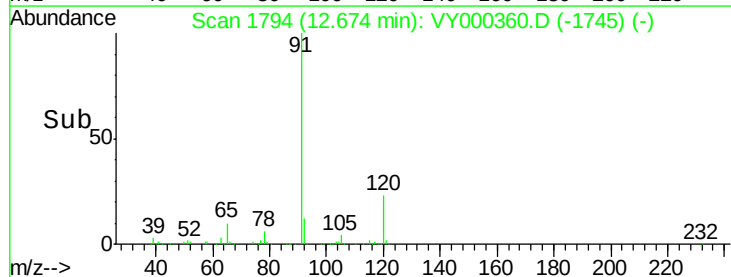
91 100

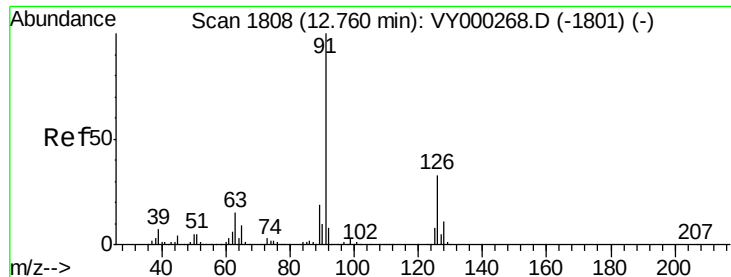
120 23.1 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.007 ug/l

RT: 12.76 min Scan# 1808

Delta R.T. -0.00 min

Lab File: VY000360.D

Acq: 22 Oct 2019 13:18

Instrument :

MSVOA_Y

ClientSampleId :

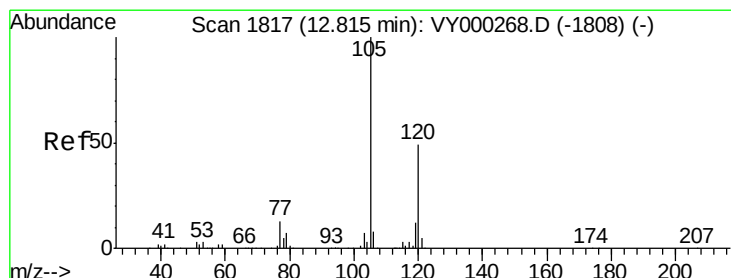
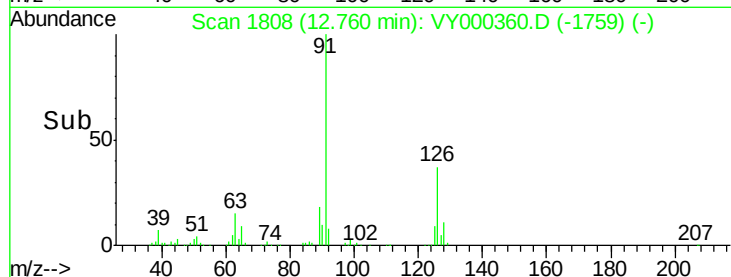
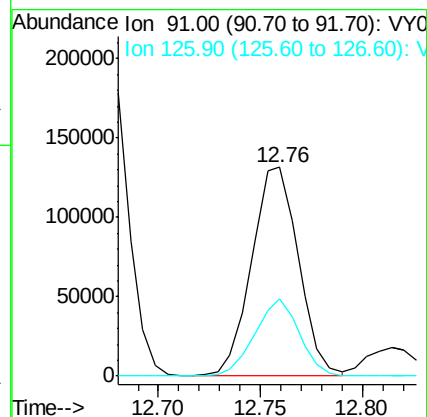
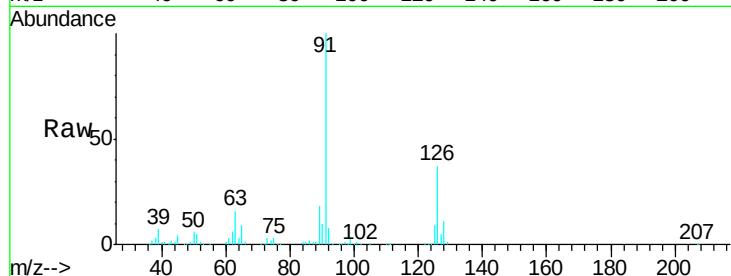
VY1022SBS01

Tgt Ion: 91 Resp: 211078

Ion Ratio Lower Upper

91 100

126 35.3 17.1 51.3



#80

1,3,5-Trimethylbenzene

Concen: 20.709 ug/l

RT: 12.81 min Scan# 1817

Delta R.T. -0.00 min

Lab File: VY000360.D

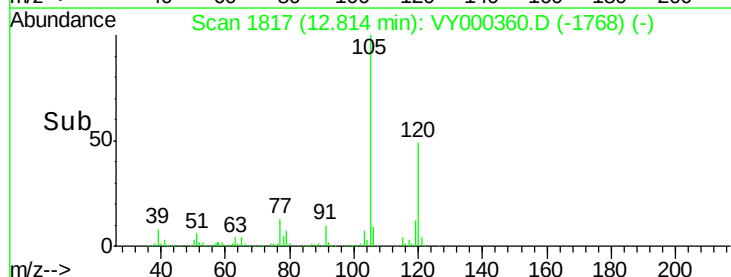
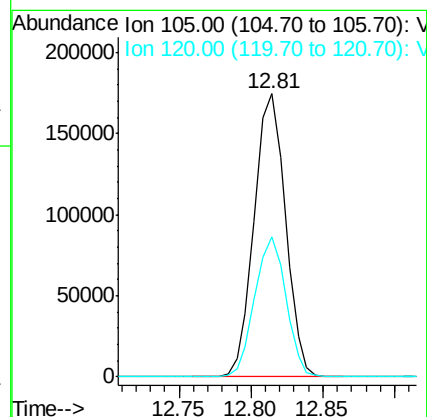
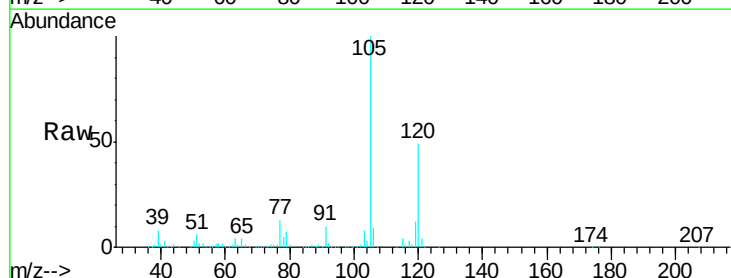
Acq: 22 Oct 2019 13:18

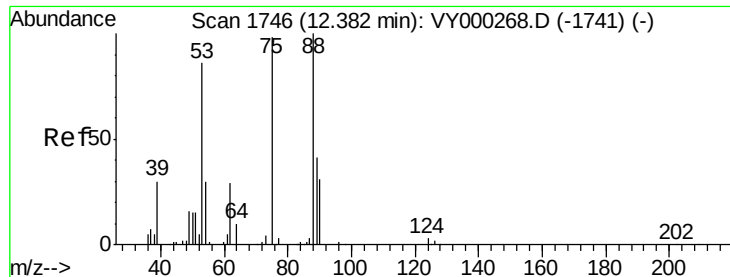
Tgt Ion: 105 Resp: 263147

Ion Ratio Lower Upper

105 100

120 49.1 24.9 74.8

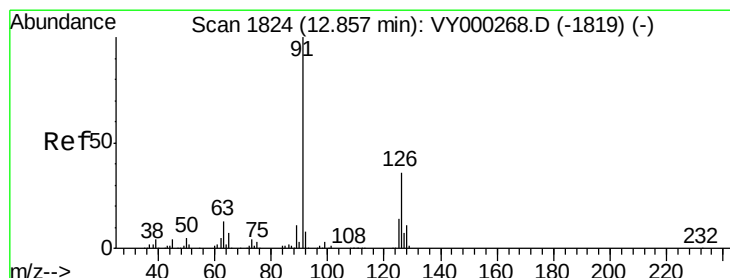
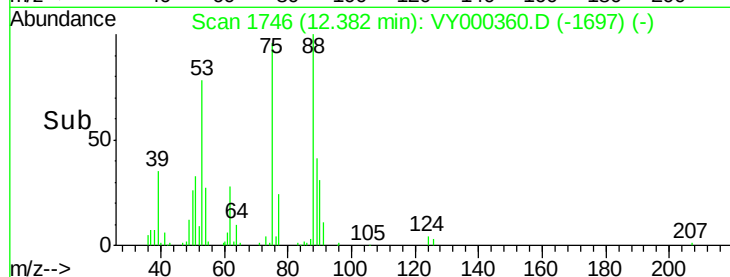
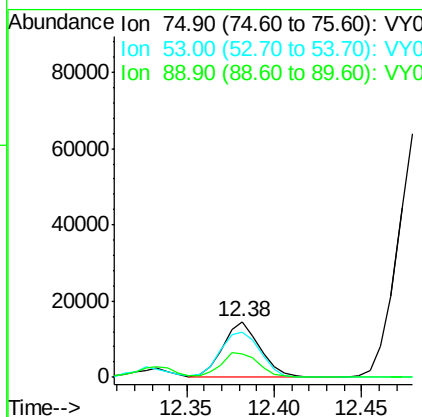
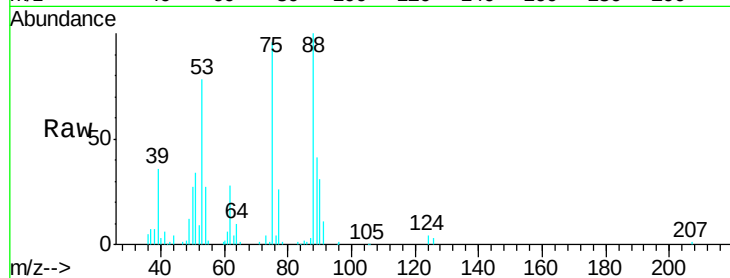




#81
trans-1,4-Dichloro-2-butene
Concen: 19.579 ug/l
RT: 12.38 min Scan# 1746
Delta R.T. -0.00 min
Lab File: VY000360.D
Acq: 22 Oct 2019 13:18

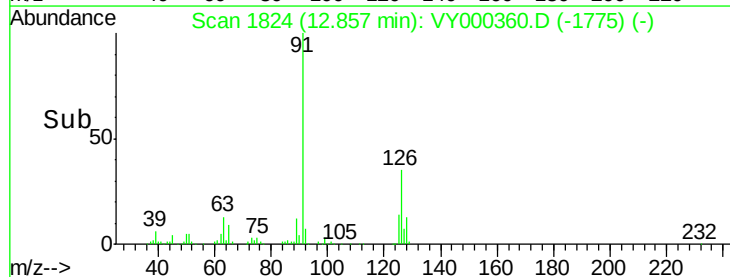
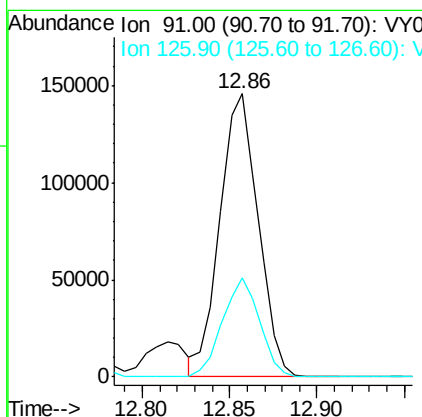
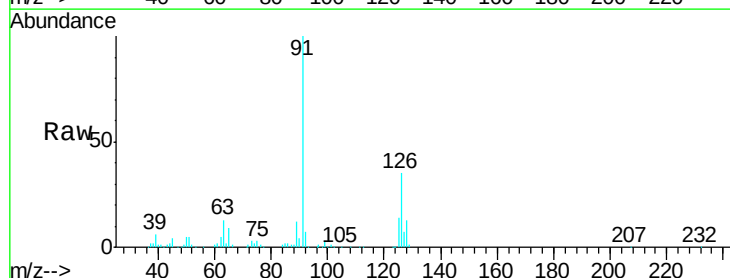
Instrument :
MSVOA_Y
ClientSampleId :
VY1022SBS01

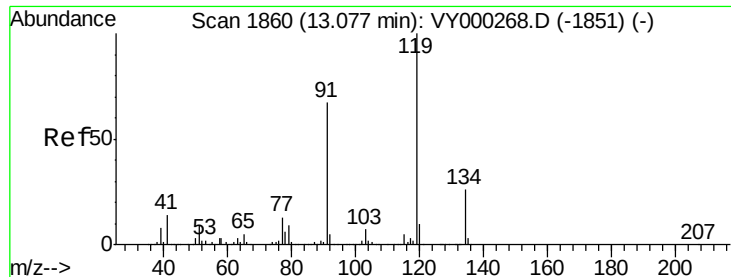
Tgt Ion: 75 Resp: 21385
Ion Ratio Lower Upper
75 100
53 89.8 71.3 106.9
89 45.5 35.1 52.7



#82
4-Chlorotoluene
Concen: 20.877 ug/l
RT: 12.86 min Scan# 1824
Delta R.T. -0.00 min
Lab File: VY000360.D
Acq: 22 Oct 2019 13:18

Tgt Ion: 91 Resp: 221741
Ion Ratio Lower Upper
91 100
126 34.2 17.2 51.5

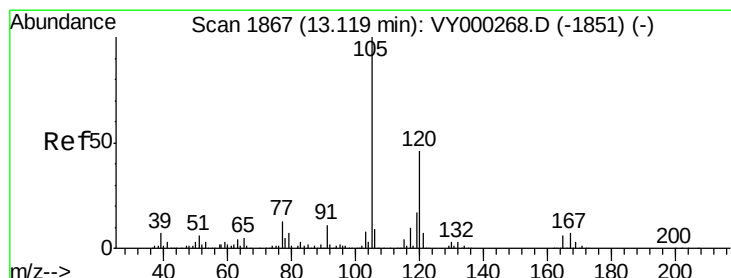
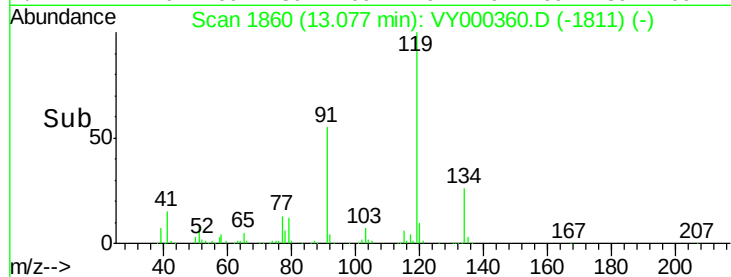
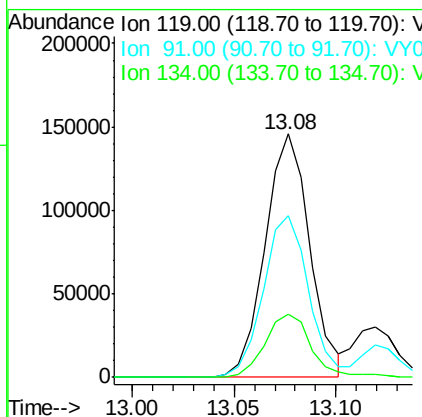
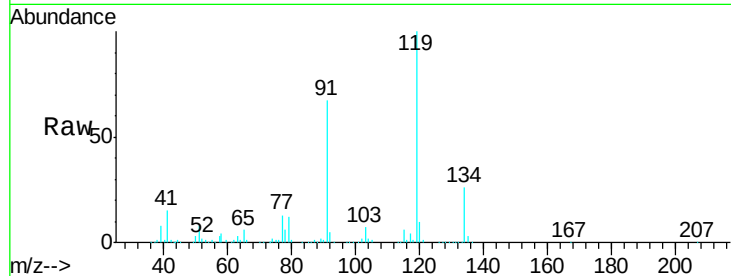




#83
 tert-Butylbenzene
 Concen: 20.684 ug/l
 RT: 13.08 min Scan# 1860
 Delta R.T. -0.00 min
 Lab File: VY000360.D
 Acq: 22 Oct 2019 13:18

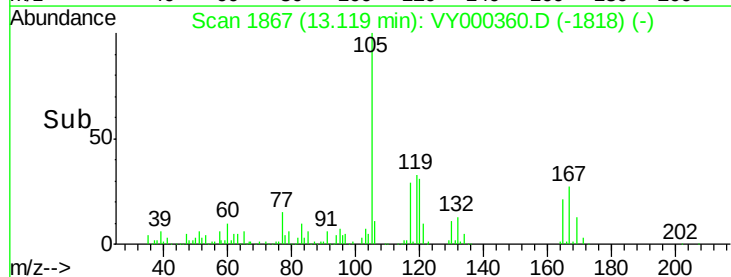
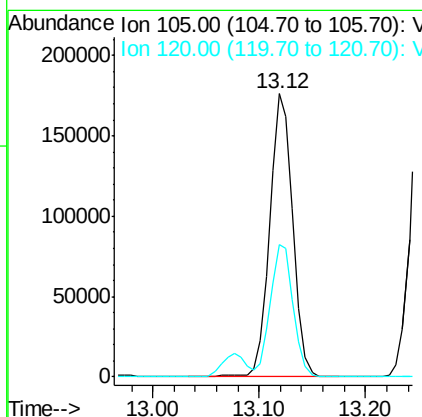
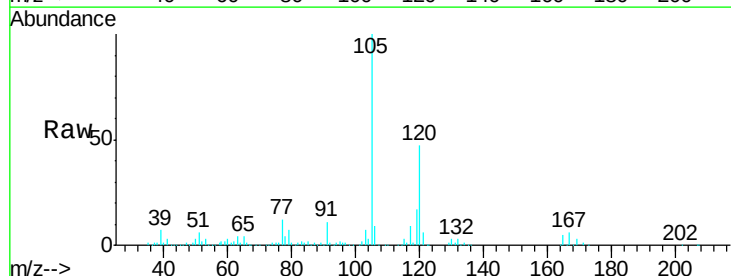
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1022SBS01

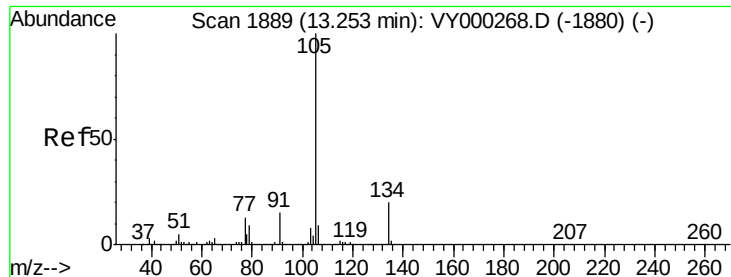
Tgt Ion:	119	Resp:	222567
Ion	Ratio	Lower	Upper
119	100		
91	66.9	32.9	98.7
134	27.3	13.3	39.8



#84
 1,2,4-Trimethylbenzene
 Concen: 21.155 ug/l
 RT: 13.12 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VY000360.D
 Acq: 22 Oct 2019 13:18

Tgt Ion:	105	Resp:	265307
Ion	Ratio	Lower	Upper
105	100		
120	46.5	22.9	68.8





#85

sec-Butylbenzene

Concen: 20.753 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VY000360.D

Acq: 22 Oct 2019 13:18

Instrument :

MSVOA_Y

ClientSampleId :

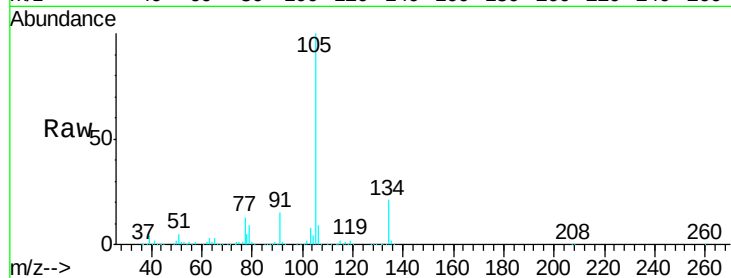
VY1022SBSD01

Tgt Ion:105 Resp: 323046

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

250000

200000

150000

100000

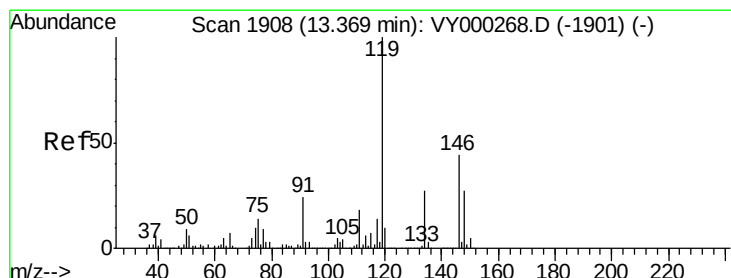
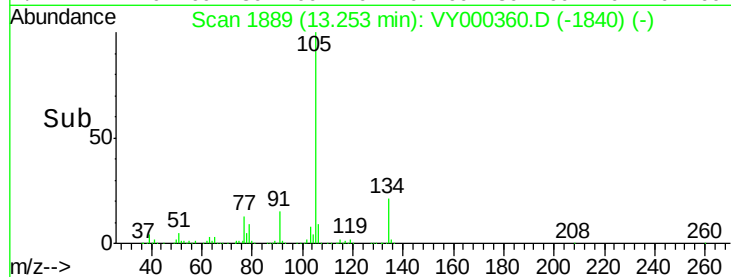
50000

0

13.20

13.30

Time-->



#86

p-Isopropyltoluene

Concen: 21.293 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.00 min

Lab File: VY000360.D

Acq: 22 Oct 2019 13:18

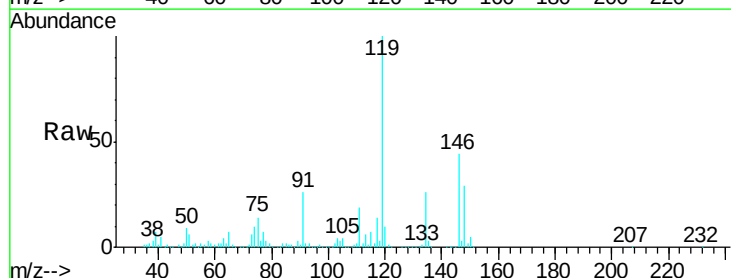
Tgt Ion:119 Resp: 288970

Ion Ratio Lower Upper

119 100

134 26.9 13.6 40.8

91 24.2 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

250000

200000

150000

100000

50000

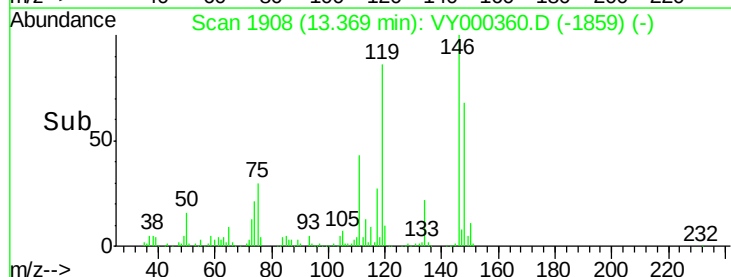
0

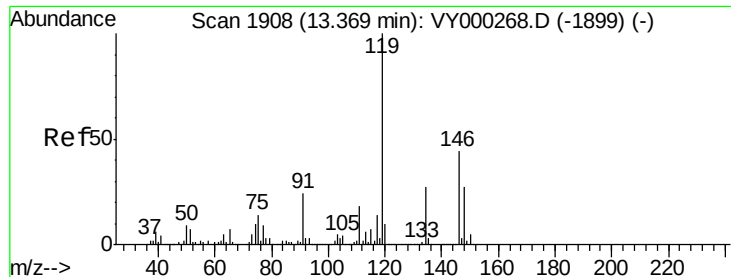
13.30

13.35

13.40

Time-->





#87

1,3-Dichlorobenzene

Concen: 20.738 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.00 min

Lab File: VY000360.D

Acq: 22 Oct 2019 13:18

Instrument :

MSVOA_Y

ClientSampleId :

VY1022SBS01

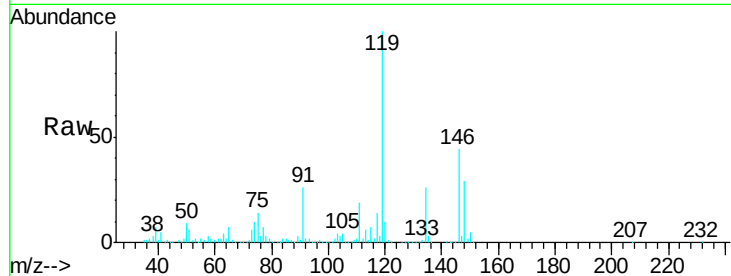
Tgt Ion:146 Resp: 137781

Ion Ratio Lower Upper

146 100

111 39.4 20.6 61.8

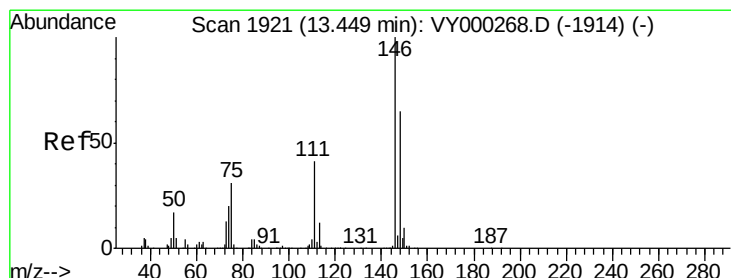
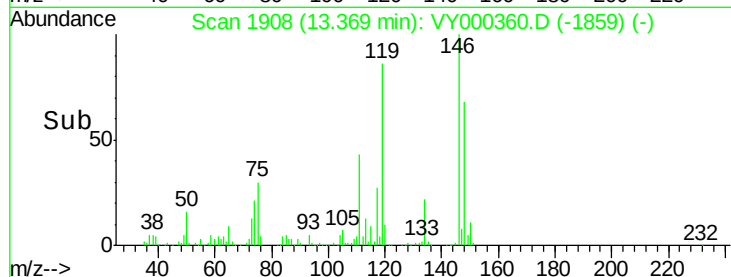
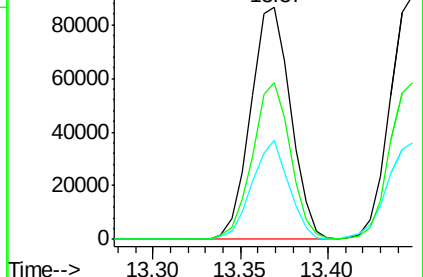
148 64.2 31.9 95.5



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



#88

1,4-Dichlorobenzene

Concen: 20.955 ug/l

RT: 13.45 min Scan# 1921

Delta R.T. -0.00 min

Lab File: VY000360.D

Acq: 22 Oct 2019 13:18

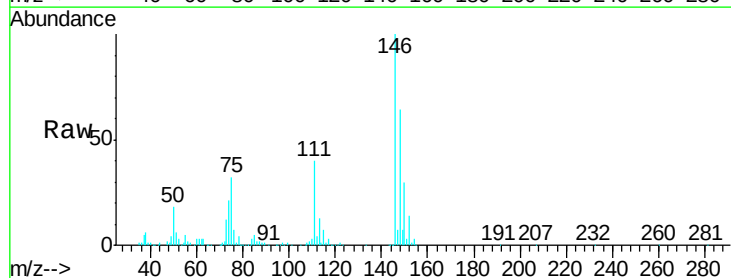
Tgt Ion:146 Resp: 139156

Ion Ratio Lower Upper

146 100

111 41.7 20.1 60.2

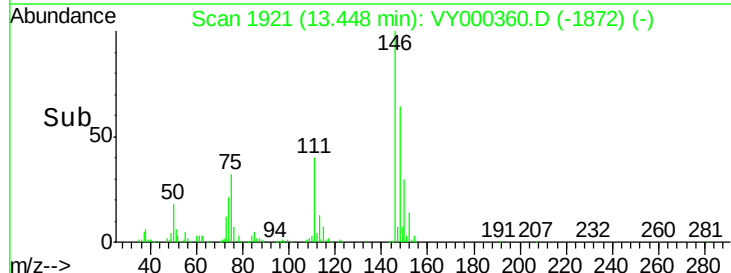
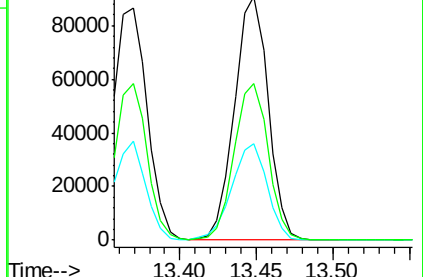
148 65.0 32.4 97.2

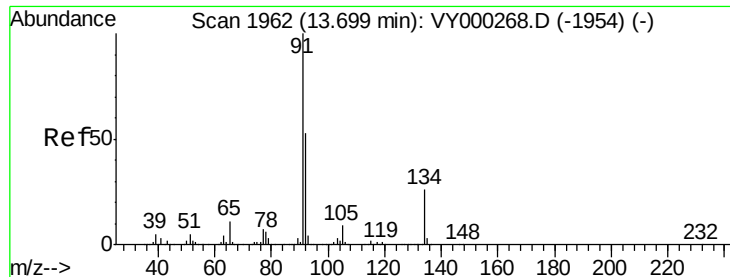


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

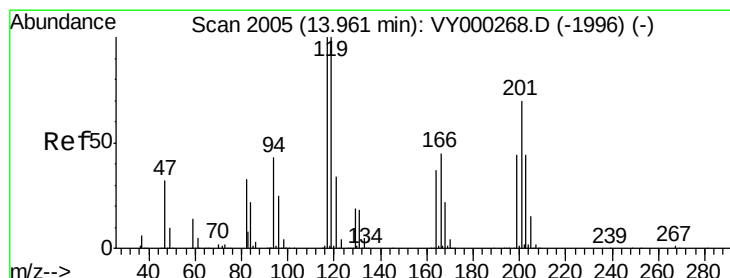
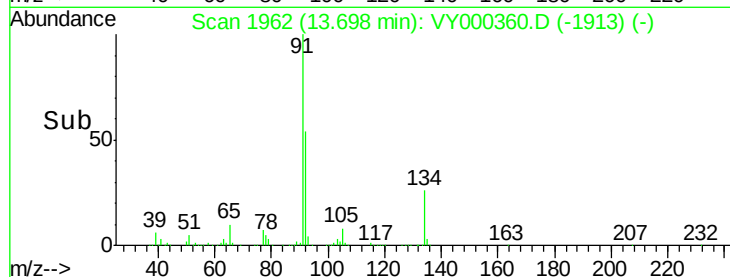
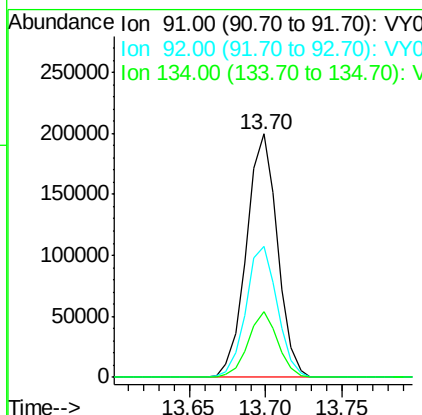
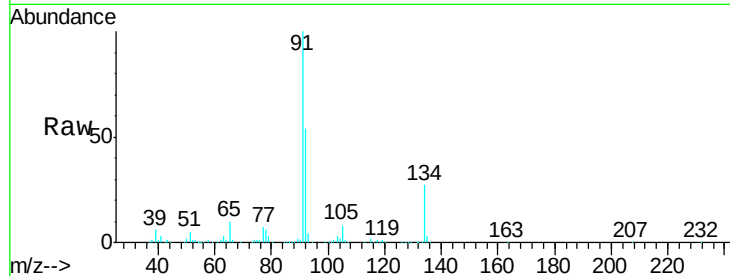




#89
n-Butylbenzene
Concen: 20.929 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. -0.00 min
Lab File: VY000360.D
Acq: 22 Oct 2019 13:18

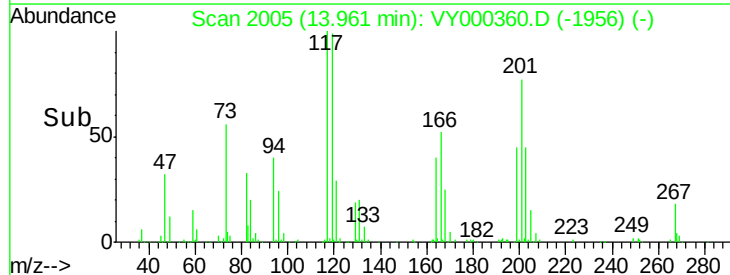
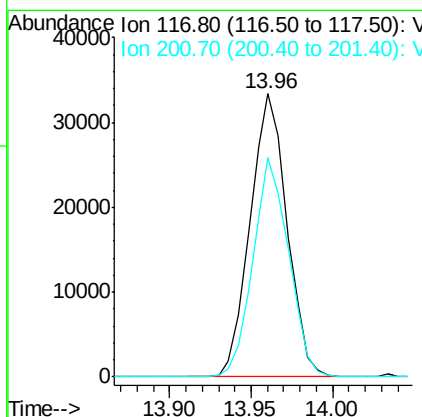
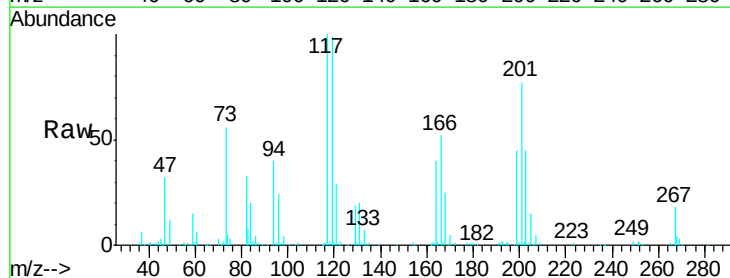
Instrument :
MSVOA_Y
ClientSampleId :
VY1022SBS01

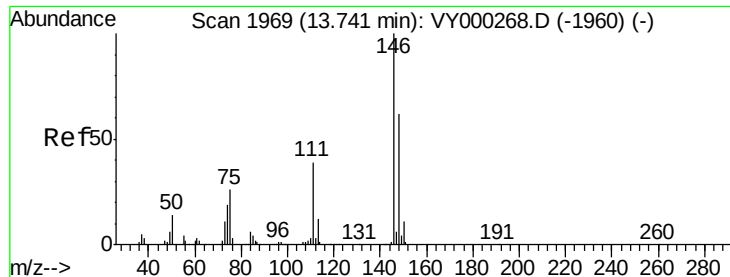
Tgt Ion: 91 Resp: 280686
Ion Ratio Lower Upper
91 100
92 54.3 26.7 80.1
134 26.0 13.0 38.9



#90
Hexachloroethane
Concen: 20.894 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. -0.00 min
Lab File: VY000360.D
Acq: 22 Oct 2019 13:18

Tgt Ion: 117 Resp: 52507
Ion Ratio Lower Upper
117 100
201 74.9 36.3 108.7

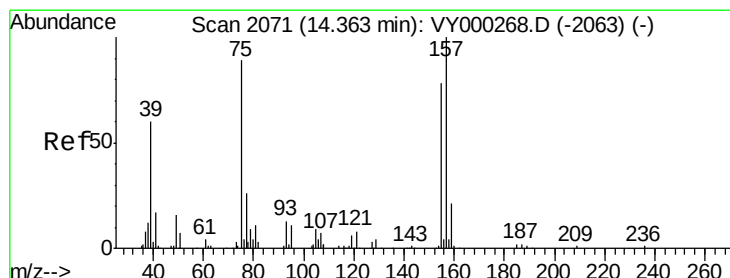
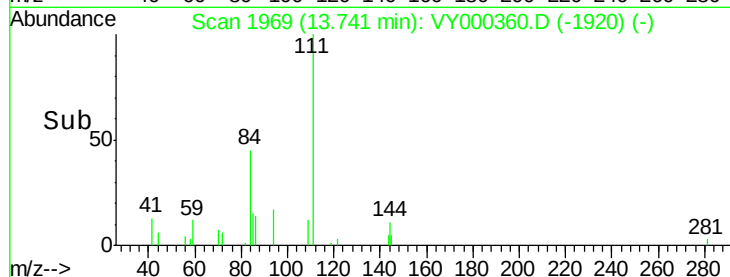
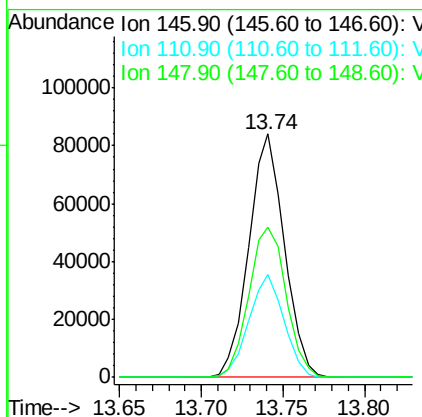
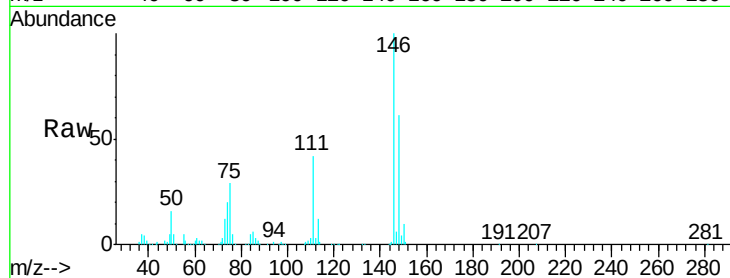




#91
 1,2-Dichlorobenzene
 Concen: 21.235 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. -0.00 min
 Lab File: VY000360.D
 Acq: 22 Oct 2019 13:18

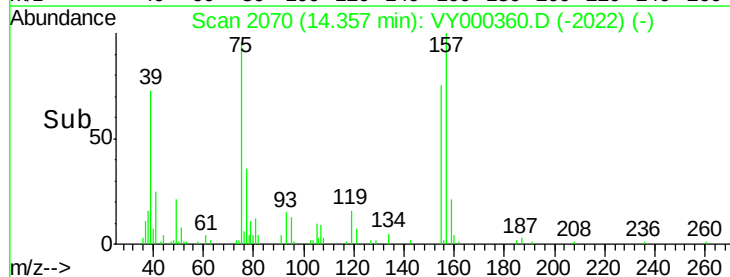
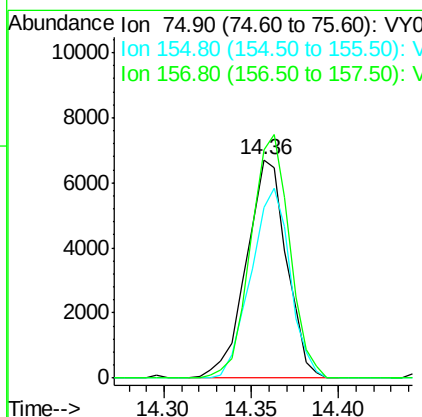
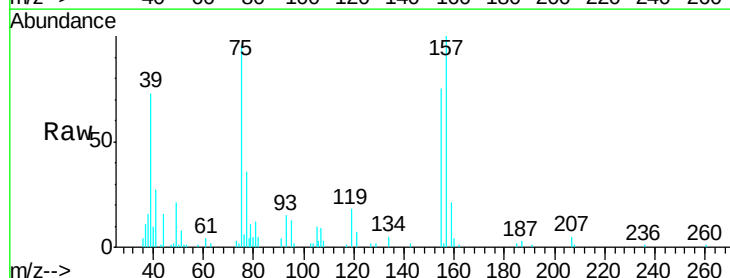
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1022SBSD01

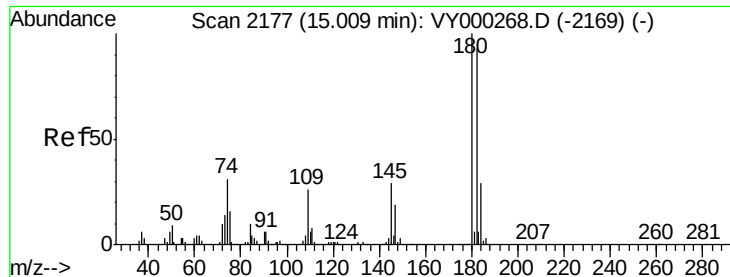
Tgt Ion:146 Resp: 127677
 Ion Ratio Lower Upper
 146 100
 111 41.7 20.5 61.5
 148 64.5 31.6 95.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.918 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. -0.01 min
 Lab File: VY000360.D
 Acq: 22 Oct 2019 13:18

Tgt Ion: 75 Resp: 10748
 Ion Ratio Lower Upper
 75 100
 155 84.3 45.8 137.3
 157 107.4 55.6 166.9

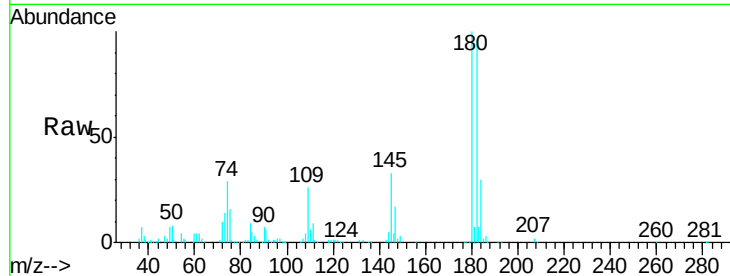




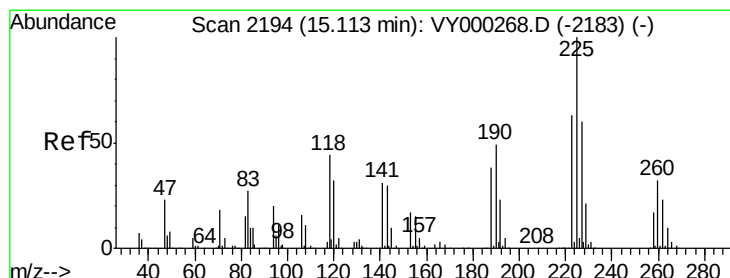
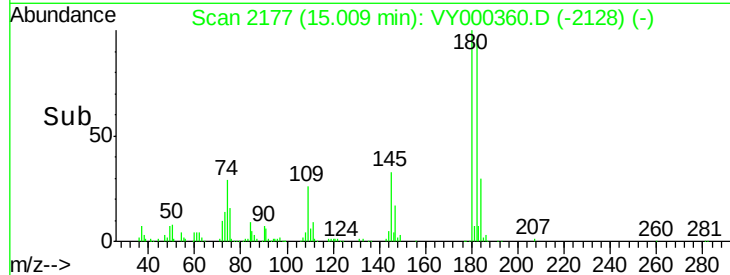
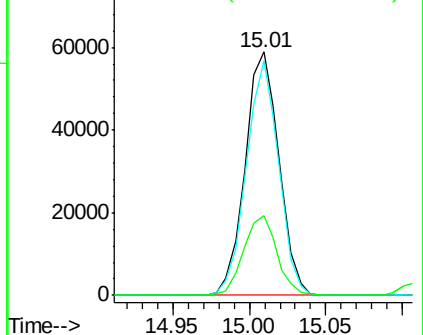
#93
 1,2,4-Trichlorobenzene
 Concen: 21.634 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. -0.00 min
 Lab File: VY000360.D
 Acq: 22 Oct 2019 13:18

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1022SBS01

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.2	47.5	142.6
145	32.1	15.4	46.1

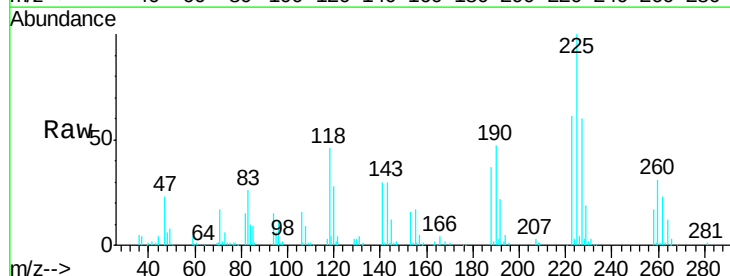


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

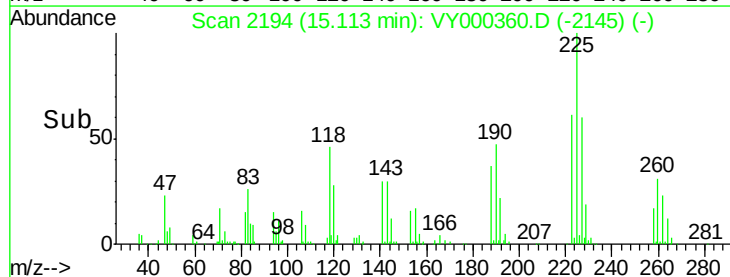
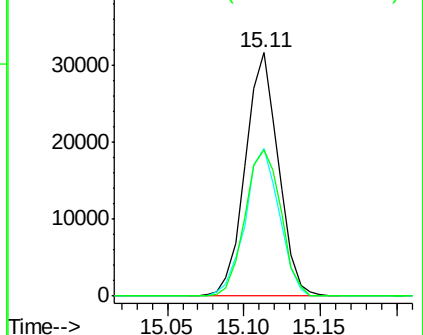


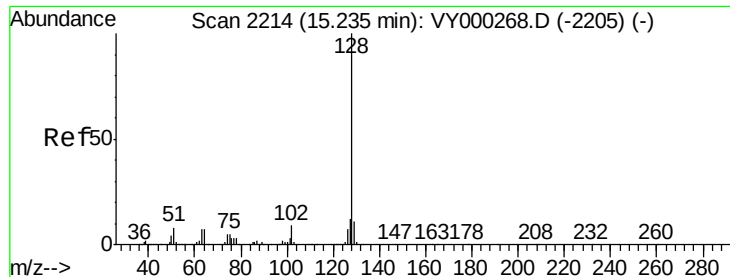
#94
 Hexachlorobutadiene
 Concen: 20.969 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. -0.00 min
 Lab File: VY000360.D
 Acq: 22 Oct 2019 13:18

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.8	31.9	95.7
227	64.9	31.4	94.2



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

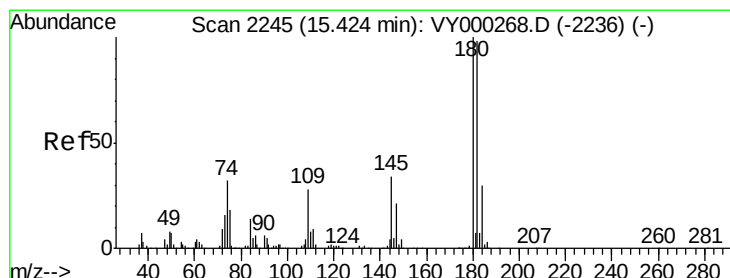
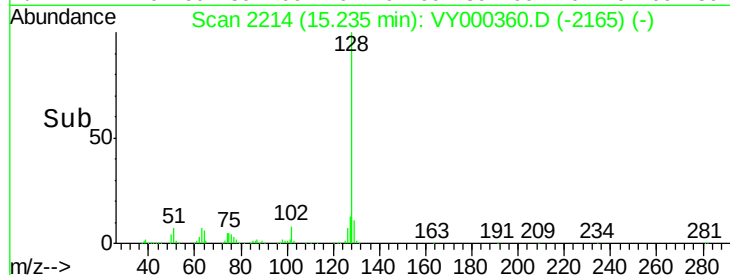
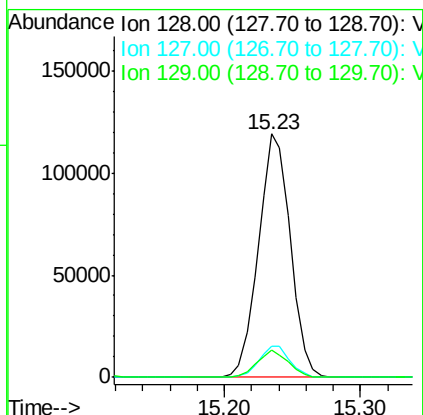
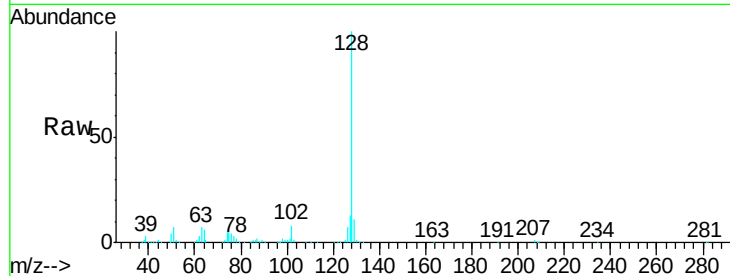




#95
Naphthalene
Concen: 21.002 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. -0.00 min
Lab File: VY000360.D
Acq: 22 Oct 2019 13:18

Instrument :
MSVOA_Y
ClientSampleId :
VY1022SBS01

Tgt Ion:128 Resp: 196199
Ion Ratio Lower Upper
128 100
127 12.5 9.6 14.4
129 10.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 20.982 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. -0.00 min
Lab File: VY000360.D
Acq: 22 Oct 2019 13:18

Tgt Ion:180 Resp: 79160
Ion Ratio Lower Upper
180 100
182 97.3 46.5 139.5
145 33.4 16.2 48.5

