

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY101819\
 Data File : VY000345.D
 Acq On : 18 Oct 2019 12:19
 Operator : SY/MD
 Sample : VY1018SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1018SBS01

Quant Time: Oct 19 01:10:29 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	281258	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	464981	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	422172	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	206098	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.16	65	166880	56.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.50%	
35) Dibromofluoromethane	7.73	113	150305	53.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.18%	
50) Toluene-d8	10.19	98	600842	55.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.38%	
62) 4-Bromofluorobenzene	12.49	95	217473	53.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.12%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	56607	23.138	ug/l	98
3) Chloromethane	2.12	50	74134	21.570	ug/l	98
4) Vinyl Chloride	2.26	62	74224	21.399	ug/l	93
5) Bromomethane	2.64	94	54802	21.319	ug/l	96
6) Chloroethane	2.79	64	48828	21.818	ug/l	98
7) Trichlorofluoromethane	3.13	101	105780	22.295	ug/l	98
8) Diethyl Ether	3.54	74	36535	21.797	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.91	101	64360	22.367	ug/l	97
10) Methyl Iodide	4.10	142	81872	20.688	ug/l	99
11) Tert butyl alcohol	4.97	59	32303	104.042	ug/l	99
12) 1,1-Dichloroethene	3.88	96	62757	22.093	ug/l	96
13) Acrolein	3.74	56	32011	87.941	ug/l	97
14) Allyl chloride	4.49	41	106848	22.698	ug/l	95
15) Acrylonitrile	5.18	53	102272	109.013	ug/l	95
16) Acetone	3.96	43	86209	89.728	ug/l	98
17) Carbon Disulfide	4.20	76	191297	21.389	ug/l	97
18) Methyl Acetate	4.49	43	52452	21.972	ug/l	96
19) Methyl tert-butyl Ether	5.23	73	180369	22.809	ug/l	97
20) Methylene Chloride	4.72	84	76979	20.581	ug/l	97
21) trans-1,2-Dichloroethene	5.23	96	69190	21.230	ug/l	94
22) Diisopropyl ether	6.13	45	226627	22.762	ug/l	96
23) Vinyl Acetate	6.08	43	727055	111.934	ug/l	97
24) 1,1-Dichloroethane	6.03	63	122546	22.549	ug/l	97
25) 2-Butanone	7.00	43	143259	105.848	ug/l	98
26) 2,2-Dichloropropane	7.00	77	108748	21.716	ug/l	100
27) cis-1,2-Dichloroethene	7.00	96	79239	22.469	ug/l	98
28) Bromochloromethane	7.35	49	47320	20.283	ug/l	97
29) Tetrahydrofuran	7.36	42	91179	111.162	ug/l	98
30) Chloroform	7.52	83	121331	22.169	ug/l	97
31) Cyclohexane	7.80	56	120394	21.211	ug/l	95
32) 1,1,1-Trichloroethane	7.71	97	106457	21.879	ug/l	98
36) 1,1-Dichloropropene	7.93	75	97316	21.377	ug/l	97
37) Ethyl Acetate	7.09	43	59112	21.929	ug/l	98
38) Carbon Tetrachloride	7.91	117	94631	21.469	ug/l	94

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY101819\
 Data File : VY000345.D
 Acq On : 18 Oct 2019 12:19
 Operator : SY/MD
 Sample : VY1018SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1018SBS01

Quant Time: Oct 19 01:10:29 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)
39) Methylcyclohexane	9.19	83	127695	21.431	ug/l	95
40) Benzene	8.17	78	281891	21.427	ug/l	100
41) Methacrylonitrile	7.33	41	32837m	25.592	ug/l	
42) 1,2-Dichloroethane	8.25	62	82616	21.984	ug/l	99
43) Isopropyl Acetate	8.28	43	114130	22.267	ug/l	99
44) Trichloroethene	8.95	130	78228	21.192	ug/l	95
45) 1,2-Dichloropropane	9.22	63	73037	22.622	ug/l	92
46) Dibromomethane	9.32	93	38471	21.316	ug/l	99
47) Bromodichloromethane	9.50	83	93401	21.959	ug/l	99
48) Methyl methacrylate	9.30	41	48516	21.599	ug/l	98
49) 1,4-Dioxane	9.31	88	10743	396.992	ug/l	92
51) 4-Methyl-2-Pentanone	10.08	43	298916	113.073	ug/l	99
52) Toluene	10.25	92	180693	21.633	ug/l	98
53) t-1,3-Dichloropropene	10.47	75	102163	22.412	ug/l	99
54) cis-1,3-Dichloropropene	9.94	75	114689	22.155	ug/l	99
55) 1,1,2-Trichloroethane	10.65	97	57706	21.990	ug/l	96
56) Ethyl methacrylate	10.52	69	84721	22.651	ug/l	100
57) 1,3-Dichloropropane	10.80	76	100926	22.395	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.79	63	196247	131.541	ug/l	98
59) 2-Hexanone	10.84	43	215239	115.997	ug/l	99
60) Dibromochloromethane	10.99	129	64378	22.134	ug/l	100
61) 1,2-Dibromoethane	11.10	107	53808	21.356	ug/l	98
64) Tetrachloroethene	10.72	164	82640	20.562	ug/l	97
65) Chlorobenzene	11.52	112	190972	21.434	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.59	131	67396	21.534	ug/l	99
67) Ethyl Benzene	11.60	91	354029	21.435	ug/l	99
68) m/p-Xylenes	11.70	106	266583	42.221	ug/l	98
69) o-Xylene	12.03	106	127461	21.161	ug/l	99
70) Styrene	12.05	104	213699	21.037	ug/l	99
71) Bromoform	12.21	173	37883	21.055	ug/l #	99
73) Isopropylbenzene	12.33	105	341526	21.252	ug/l	99
74) N-amyl acetate	12.14	43	97616	24.743	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	66804	22.141	ug/l	100
76) 1,2,3-Trichloropropane	12.64	75	56512m	22.299	ug/l	
77) Bromobenzene	12.61	156	75287	21.054	ug/l	98
78) n-propylbenzene	12.67	91	410101	21.255	ug/l	99
79) 2-Chlorotoluene	12.76	91	230950	21.674	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	288020	21.374	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	24736	21.356	ug/l	99
82) 4-Chlorotoluene	12.86	91	242332	21.515	ug/l	99
83) tert-Butylbenzene	13.08	119	240508	21.076	ug/l	98
84) 1,2,4-Trimethylbenzene	13.12	105	289785	21.789	ug/l	100
85) sec-Butylbenzene	13.25	105	351856	21.314	ug/l	100
86) p-Isopropyltoluene	13.37	119	312354	21.703	ug/l	100
87) 1,3-Dichlorobenzene	13.37	146	150284	21.330	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	153978	21.865	ug/l	99
89) n-Butylbenzene	13.70	91	305420	21.475	ug/l	100
90) Hexachloroethane	13.96	117	56653	21.258	ug/l	100
91) 1,2-Dichlorobenzene	13.74	146	139449	21.870	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	12629	22.069	ug/l	94

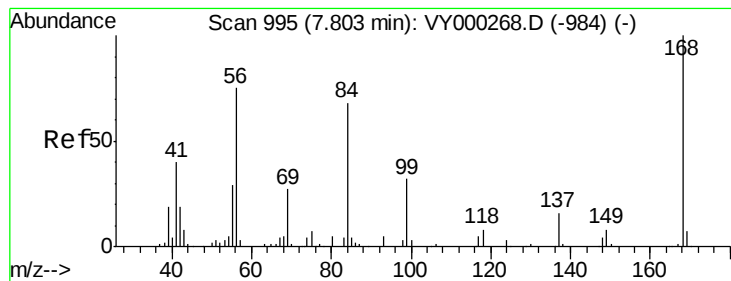
Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY101819\
Data File : VY000345.D
Acq On : 18 Oct 2019 12:19
Operator : SY/MD
Sample : VY1018SBSD01
Misc : 5.00G/5ML/MSVOA Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY1018SBSD01

Quant Time: Oct 19 01:10:29 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)
93) 1,2,4-Trichlorobenzene	15.01	180	95809	21.582	ug/l	100
94) Hexachlorobutadiene	15.11	225	51005	21.230	ug/l	98
95) Naphthalene	15.23	128	214532	21.655	ug/l	98
96) 1,2,3-Trichlorobenzene	15.42	180	86756	21.684	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.00 min

Lab File: VY000345.D

Acq: 18 Oct 2019 12:19

Instrument :

MSVOA_Y

ClientSampleId :

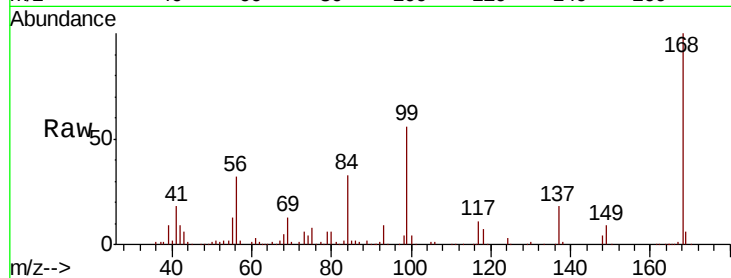
VY1018SBS01

Tot Ion:168 Resp: 281258

Ion Ratio Lower Upper

168 100

99 56.4 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): VY000345.D (-946) (-)

Ion 98.90 (98.60 to 99.60): VY000345.D (-946) (-)

7.80

150000

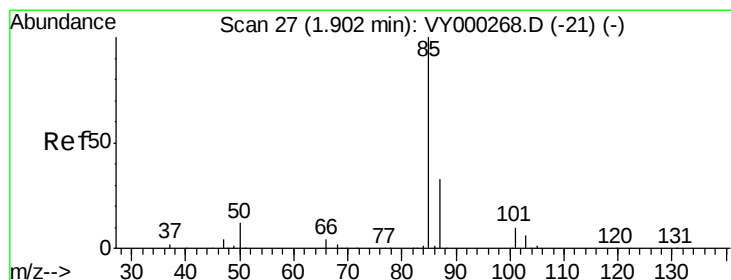
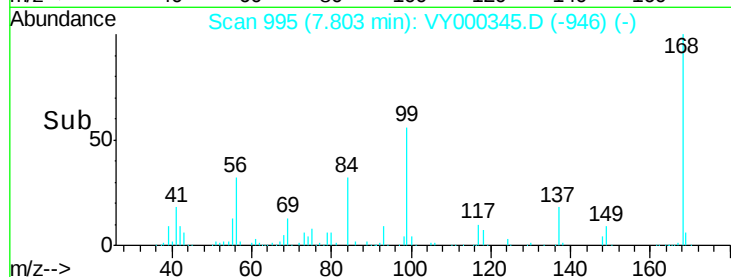
100000

50000

0

Time-->

7.70 7.80 7.90



#2

Dichlorodifluoromethane

Concen: 23.138 ug/l

RT: 1.90 min Scan# 27

Delta R.T. 0.00 min

Lab File: VY000345.D

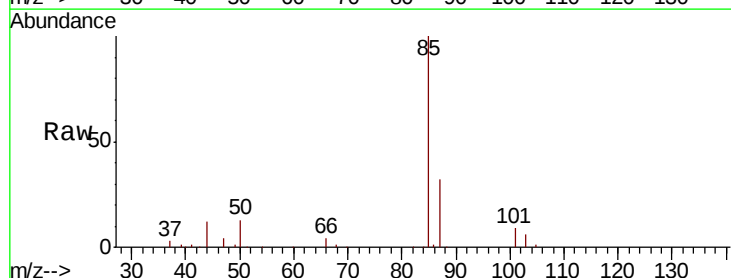
Acq: 18 Oct 2019 12:19

Tgt Ion: 85 Resp: 56607

Ion Ratio Lower Upper

85 100

87 32.1 16.6 49.8



Abundance Ion 84.90 (84.60 to 85.60): VY000345.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY000345.D (-1) (-)

1.90

40000

30000

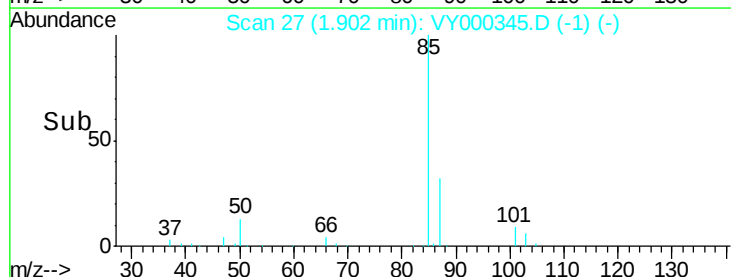
20000

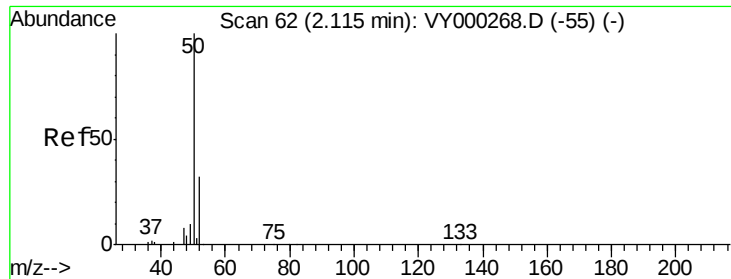
10000

0

Time-->

1.80 1.90 2.00





#3

Chloromethane

Concen: 21.570 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY000345.D

Acq: 18 Oct 2019 12:19

Instrument :

MSVOA_Y

ClientSampleId :

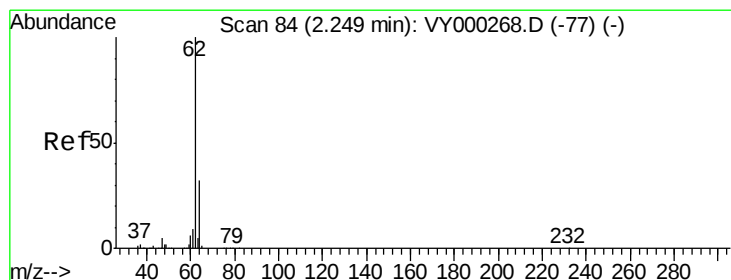
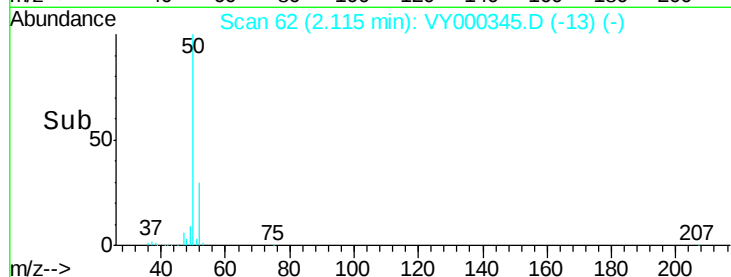
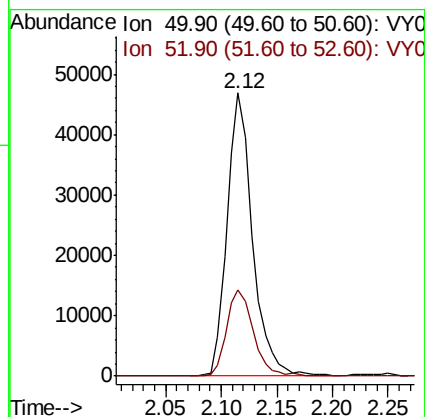
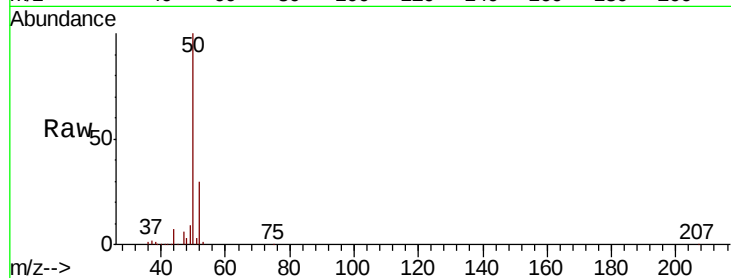
VY1018SBS01

Tot Ion: 50 Resp: 74134

Ion Ratio Lower Upper

50 100

52 30.5 25.3 37.9



#4

Vinyl Chloride

Concen: 21.399 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.01 min

Lab File: VY000345.D

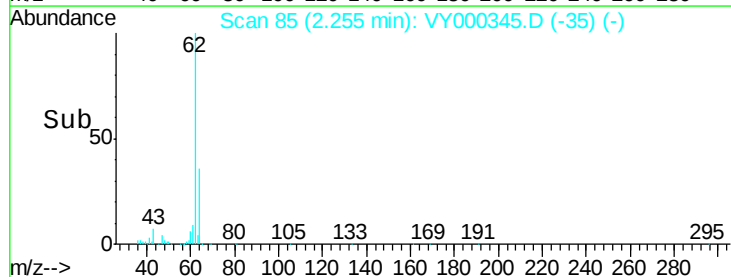
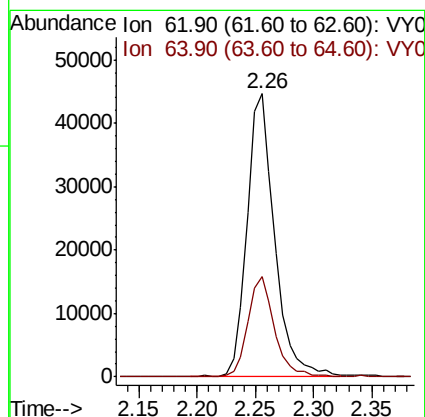
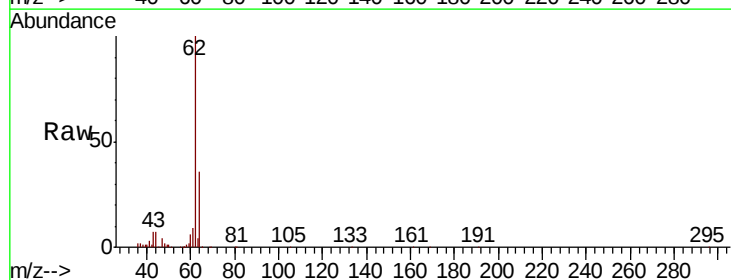
Acq: 18 Oct 2019 12:19

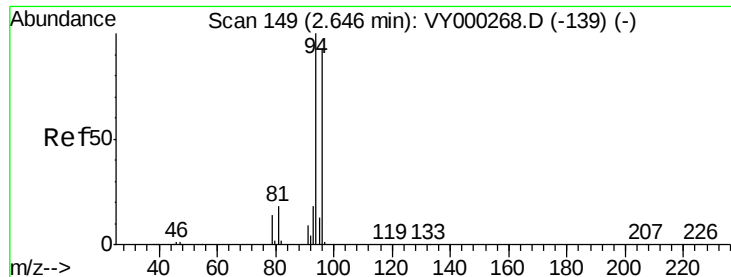
Tgt Ion: 62 Resp: 74224

Ion Ratio Lower Upper

62 100

64 35.7 25.6 38.4





#5

Bromomethane

Concen: 21.319 ug/l

RT: 2.64 min Scan# 148

Delta R.T. -0.01 min

Lab File: VY000345.D

Acq: 18 Oct 2019 12:19

Instrument :

MSVOA_Y

ClientSampleId :

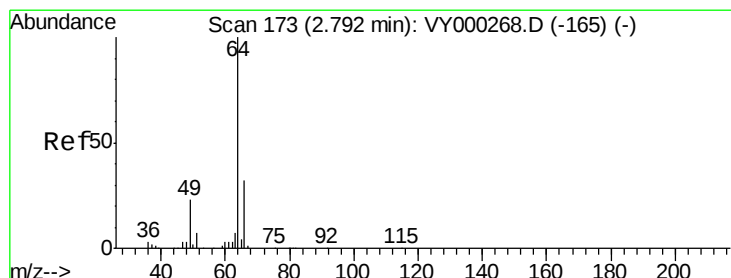
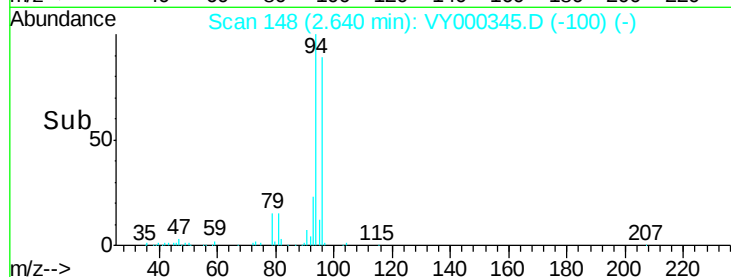
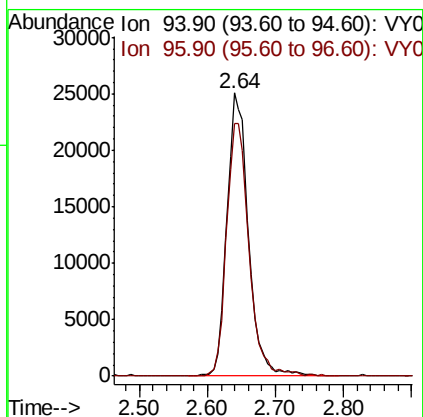
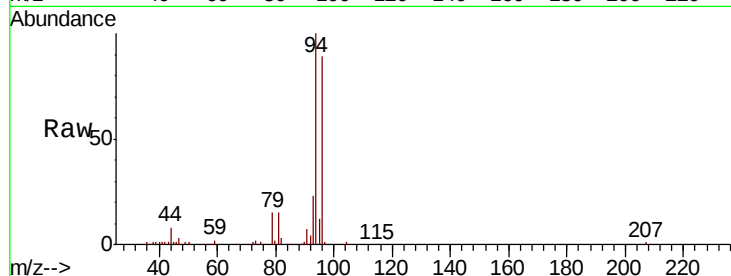
VY1018SBS01

Tot Ion: 94 Resp: 54802

Ion Ratio Lower Upper

94 100

96 89.1 74.2 111.2



#6

Chloroethane

Concen: 21.818 ug/l

RT: 2.79 min Scan# 173

Delta R.T. 0.00 min

Lab File: VY000345.D

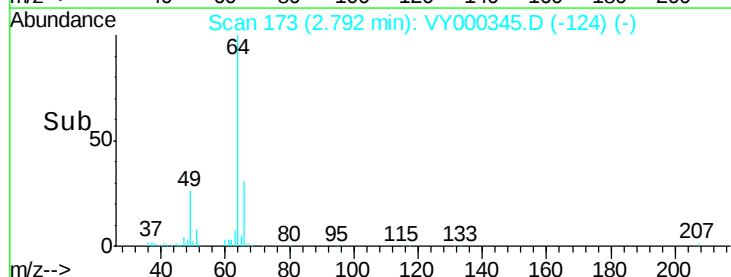
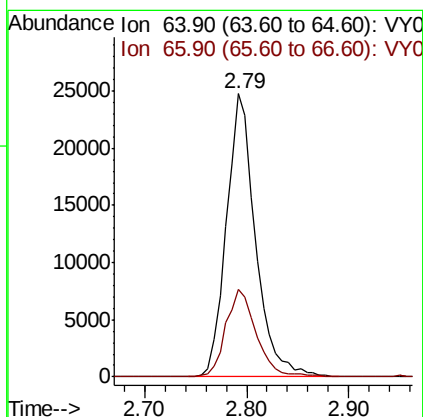
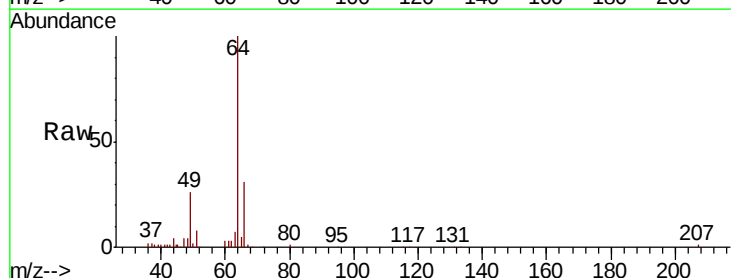
Acq: 18 Oct 2019 12:19

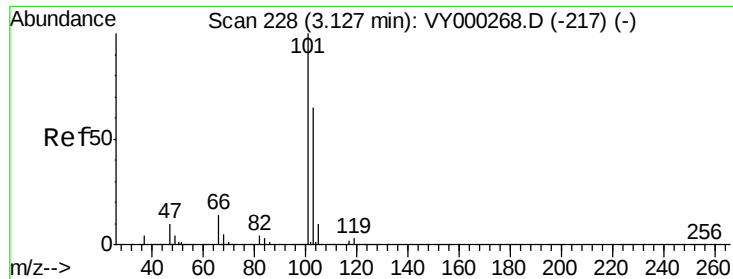
Tgt Ion: 64 Resp: 48828

Ion Ratio Lower Upper

64 100

66 31.0 25.6 38.4



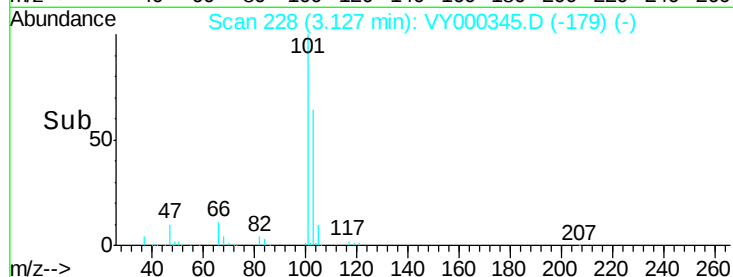
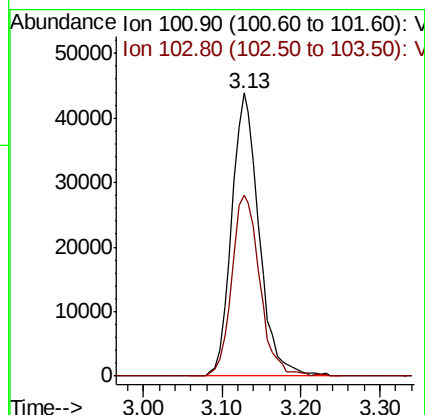
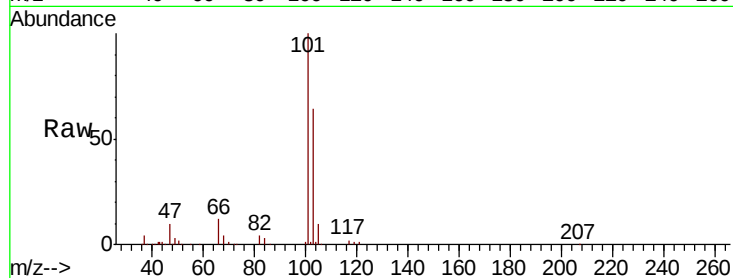


#7

Trichlorofluoromethane
 Concen: 22.295 ug/l
 RT: 3.13 min Scan# 228
 Delta R.T. 0.00 min
 Lab File: VY000345.D
 Acq: 18 Oct 2019 12:19

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1018SBS01

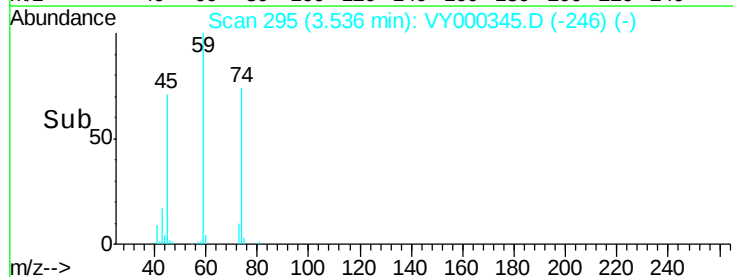
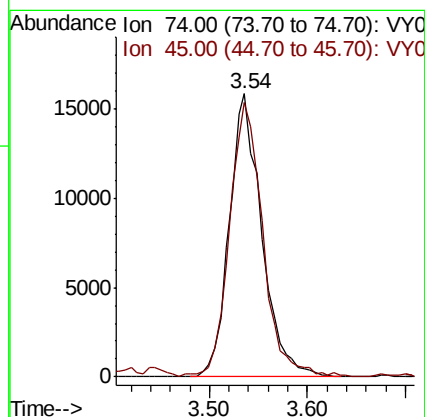
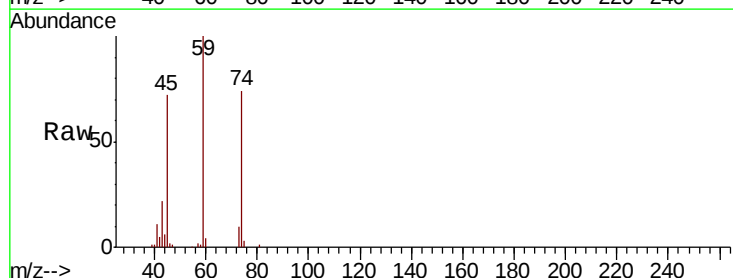
Tot Ion:101 Resp: 105780
 Ion Ratio Lower Upper
 101 100
 103 63.9 52.2 78.4

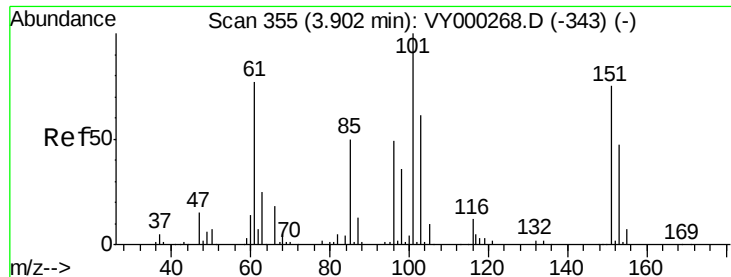


#8

Diethyl Ether
 Concen: 21.797 ug/l
 RT: 3.54 min Scan# 295
 Delta R.T. 0.00 min
 Lab File: VY000345.D
 Acq: 18 Oct 2019 12:19

Tgt Ion: 74 Resp: 36535
 Ion Ratio Lower Upper
 74 100
 45 98.3 47.1 141.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.367 ug/l

RT: 3.91 min Scan# 356

Delta R.T. 0.01 min

Lab File: VY000345.D

Acq: 18 Oct 2019 12:19

Instrument :

MSVOA_Y

ClientSampleId :

VY1018SBS01

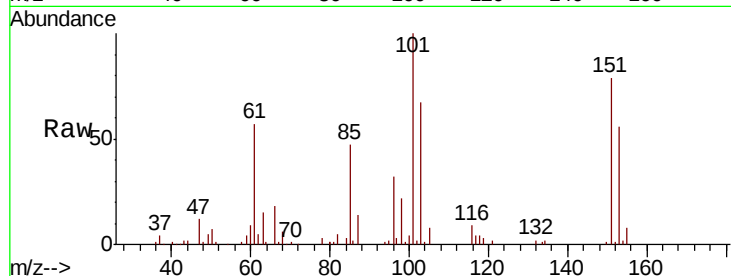
Tot Ion:101 Resp: 64360

Ion Ratio Lower Upper

101 100

85 43.7 36.6 55.0

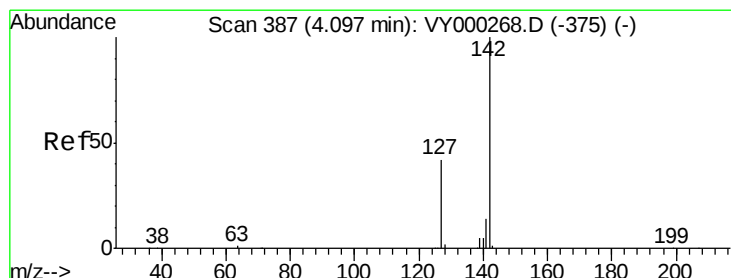
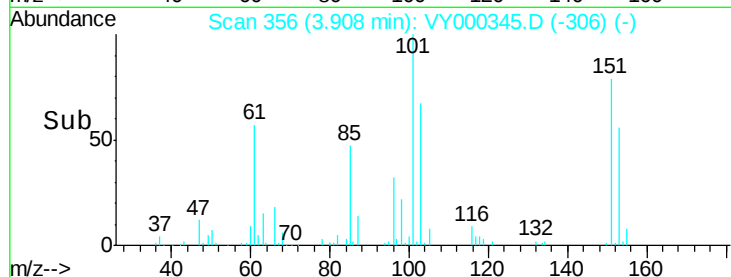
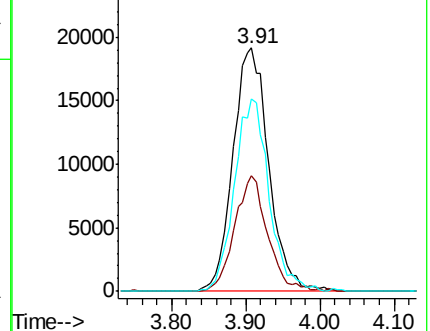
151 76.5 63.1 94.7



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VY0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 20.688 ug/l

RT: 4.10 min Scan# 388

Delta R.T. 0.01 min

Lab File: VY000345.D

Acq: 18 Oct 2019 12:19

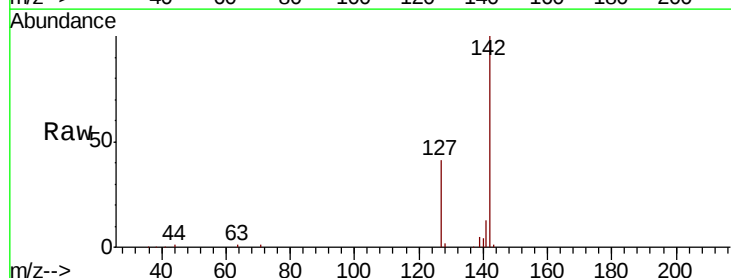
Tgt Ion:142 Resp: 81872

Ion Ratio Lower Upper

142 100

127 42.7 33.9 50.9

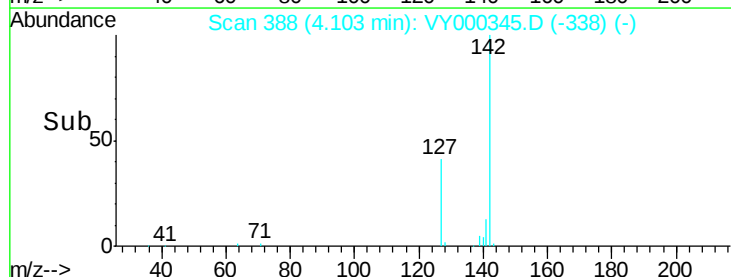
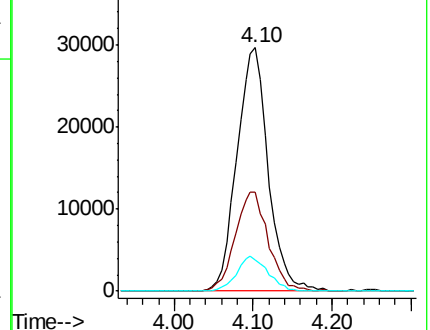
141 14.3 11.2 16.8

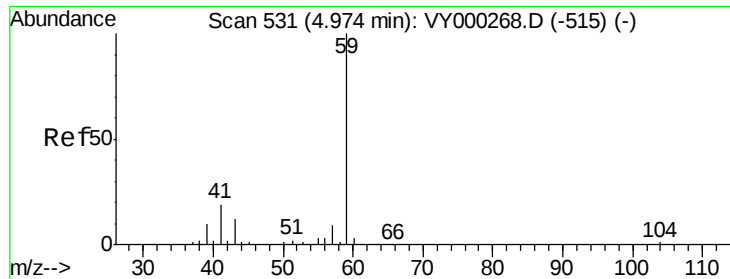


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

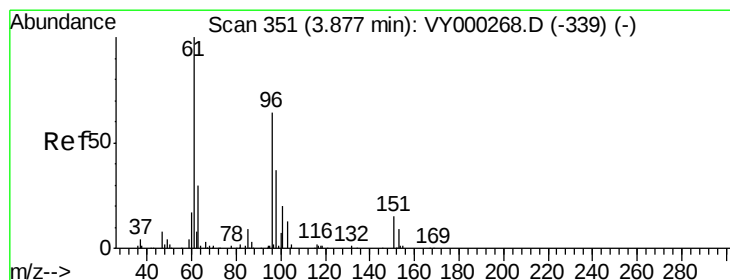
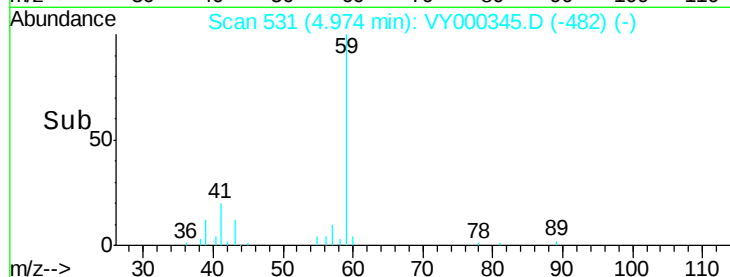
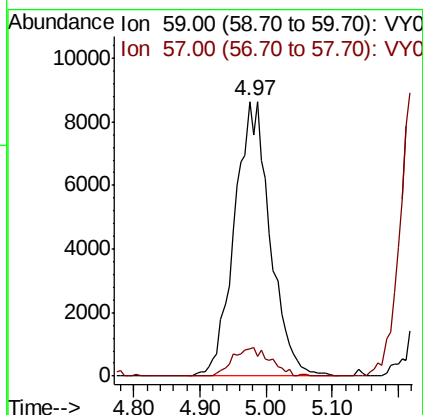
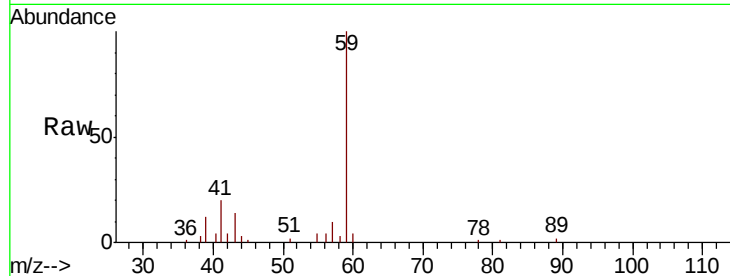




#11
Tert butyl alcohol
Concen: 104.042 ug/l
RT: 4.97 min Scan# 531
Delta R.T. 0.00 min
Lab File: VY000345.D
Acq: 18 Oct 2019 12:19

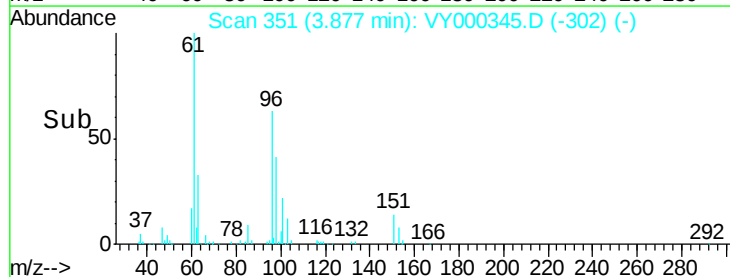
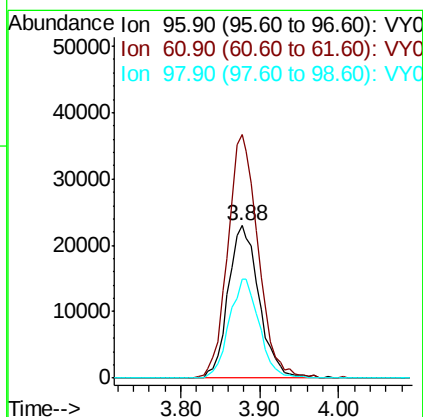
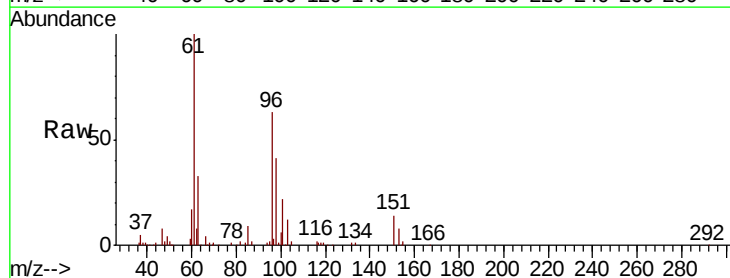
Instrument :
MSVOA_Y
ClientSampleId :
VY1018SBS01

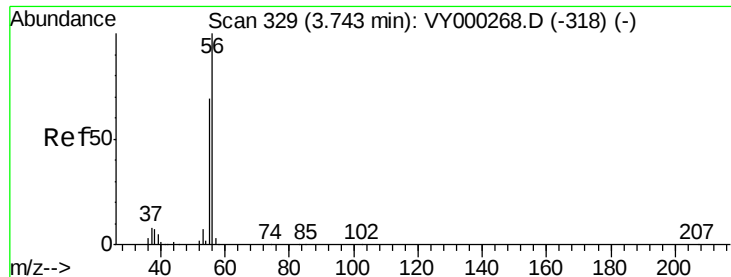
Tot Ion: 59 Resp: 32303
Ion Ratio Lower Upper
59 100
57 10.7 8.2 12.2



#12
1,1-Dichloroethene
Concen: 22.093 ug/l
RT: 3.88 min Scan# 351
Delta R.T. 0.00 min
Lab File: VY000345.D
Acq: 18 Oct 2019 12:19

Tgt Ion: 96 Resp: 62757
Ion Ratio Lower Upper
96 100
61 159.8 125.8 188.6
98 65.0 46.2 69.2





#13

Acrolein

Concen: 87.941 ug/l

RT: 3.74 min Scan# 329

Delta R.T. 0.00 min

Lab File: VY000345.D

Acq: 18 Oct 2019 12:19

Instrument :

MSVOA_Y

ClientSampleId :

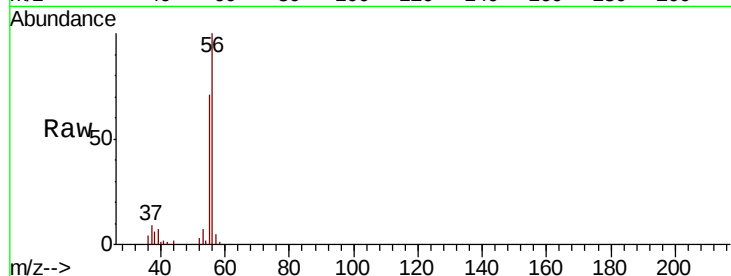
VY1018SBS01

Tot Ion: 56 Resp: 32011

Ion Ratio Lower Upper

56 100

55 71.9 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

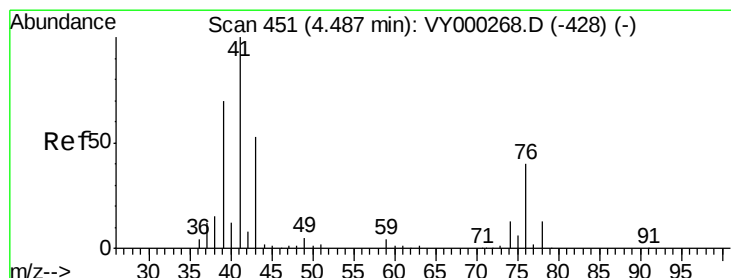
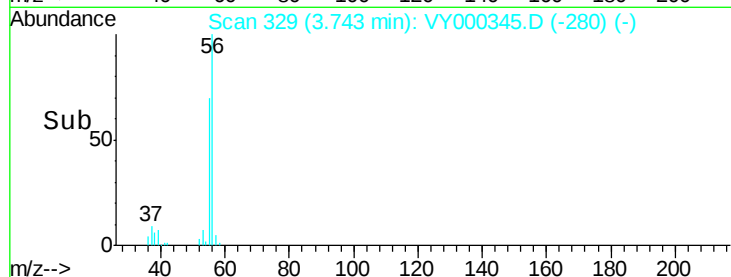
15000

10000

5000

0

Time--> 3.60 3.70 3.80



#14

Allyl chloride

Concen: 22.698 ug/l

RT: 4.49 min Scan# 452

Delta R.T. 0.01 min

Lab File: VY000345.D

Acq: 18 Oct 2019 12:19

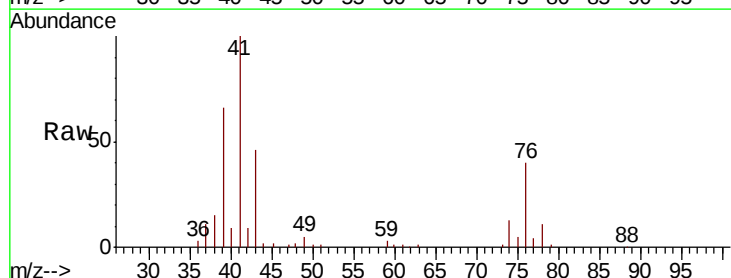
Tgt Ion: 41 Resp: 106848

Ion Ratio Lower Upper

41 100

39 61.9 54.0 81.0

76 37.4 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

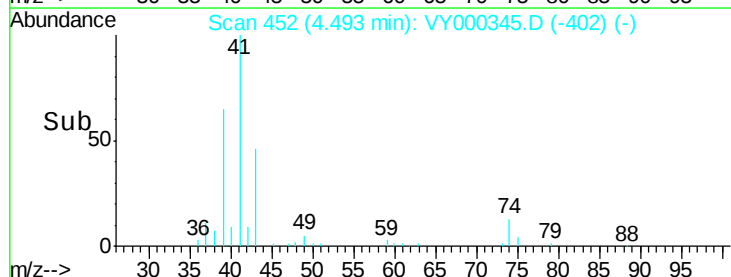
30000

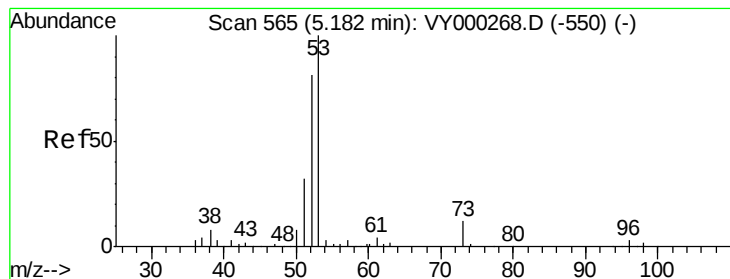
20000

10000

0

Time--> 4.30 4.40 4.50 4.60 4.70





#15

Acrylonitrile

Concen: 109.013 ug/l

RT: 5.18 min Scan# 565

Delta R.T. 0.00 min

Lab File: VY000345.D

Acq: 18 Oct 2019 12:19

Instrument :

MSVOA_Y

ClientSampleId :

VY1018SBS01

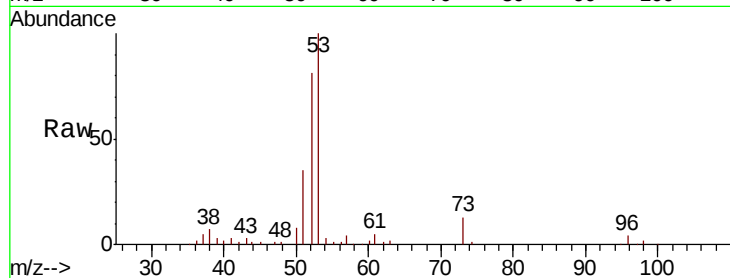
Tot Ion: 53 Resp: 102272

Ion Ratio Lower Upper

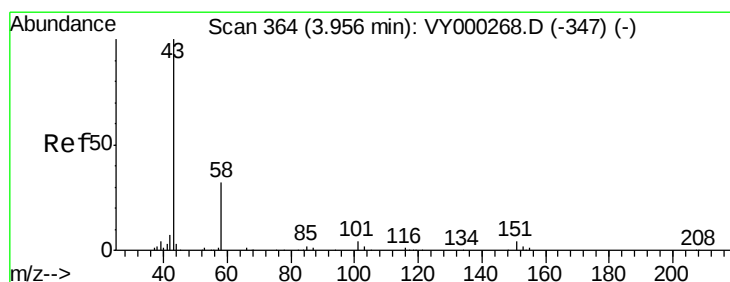
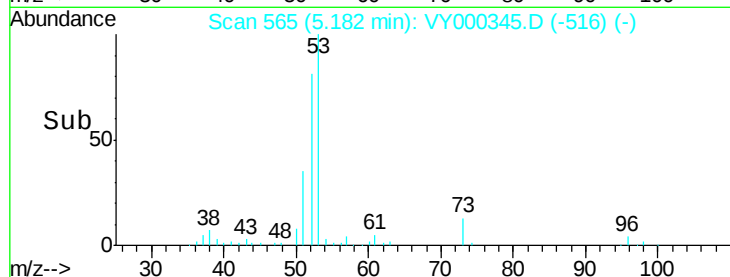
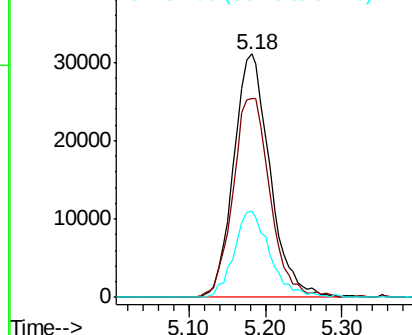
53 100

52 83.7 62.9 94.3

51 35.0 26.9 40.3



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



#16

Acetone

Concen: 89.728 ug/l

RT: 3.96 min Scan# 365

Delta R.T. 0.01 min

Lab File: VY000345.D

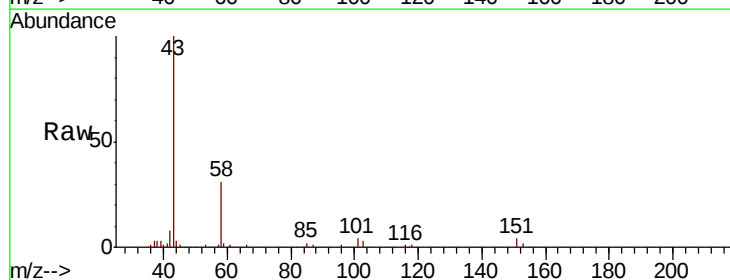
Acq: 18 Oct 2019 12:19

Tgt Ion: 43 Resp: 86209

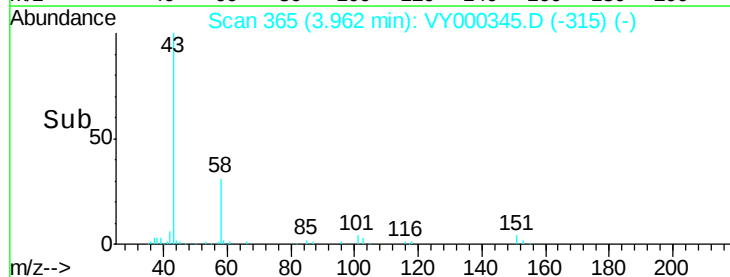
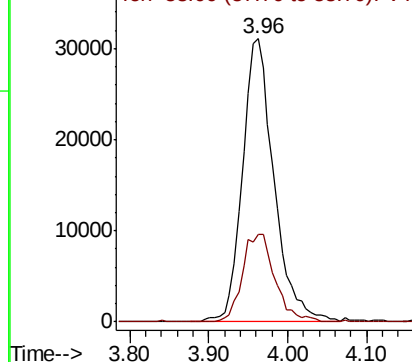
Ion Ratio Lower Upper

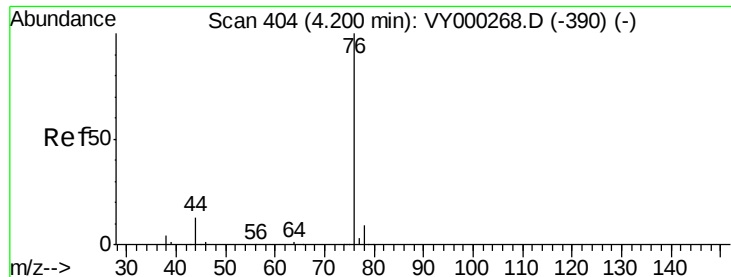
43 100

58 30.9 25.8 38.6



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

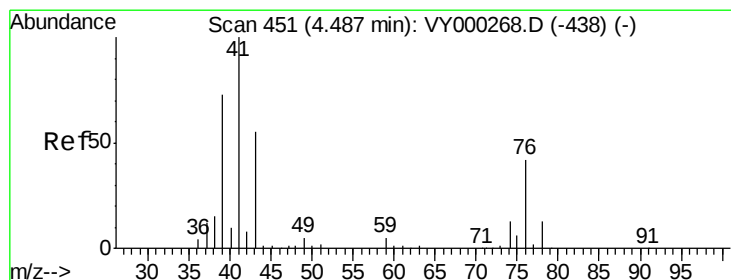
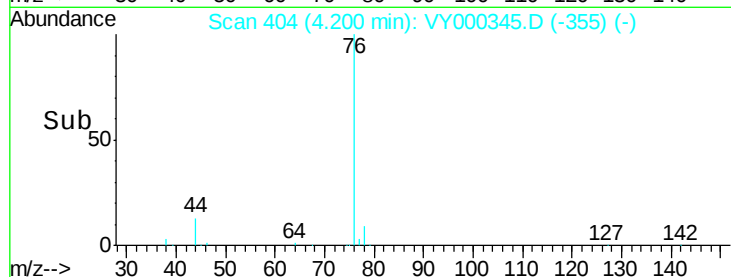
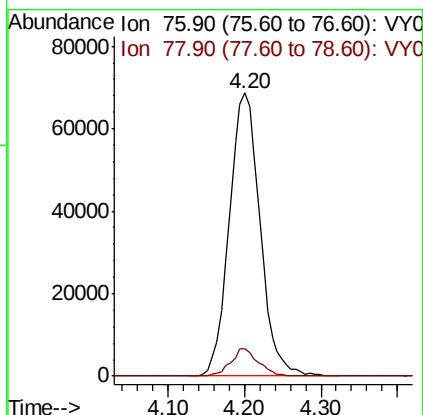
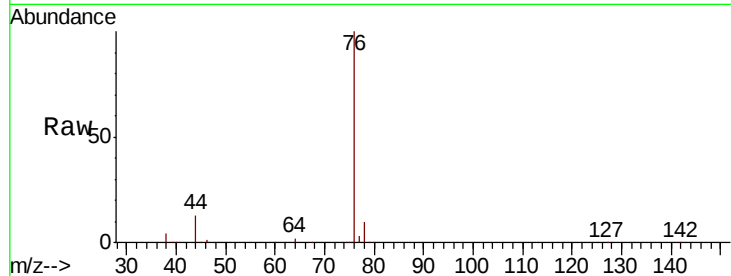




#17
Carbon Disulfide
Concen: 21.389 ug/l
RT: 4.20 min Scan# 404
Delta R.T. 0.00 min
Lab File: VY000345.D
Acq: 18 Oct 2019 12:19

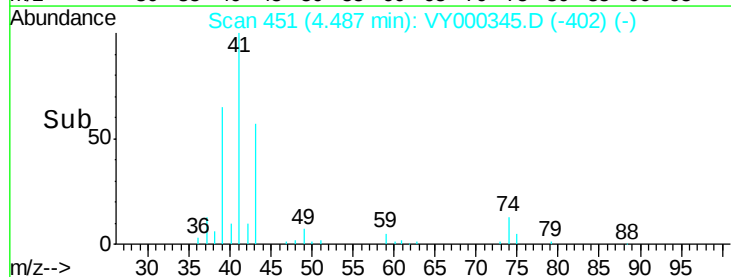
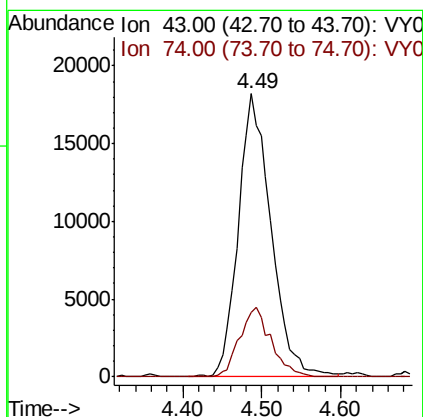
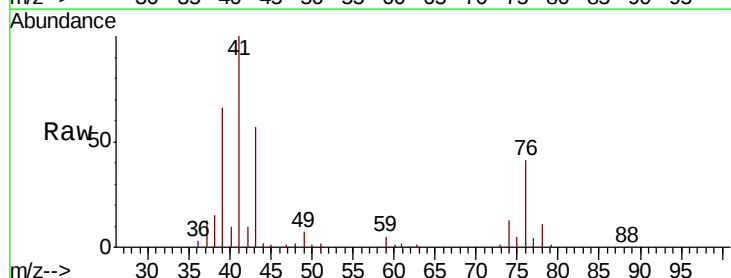
Instrument :
MSVOA_Y
ClientSampleId :
VY1018SBS01

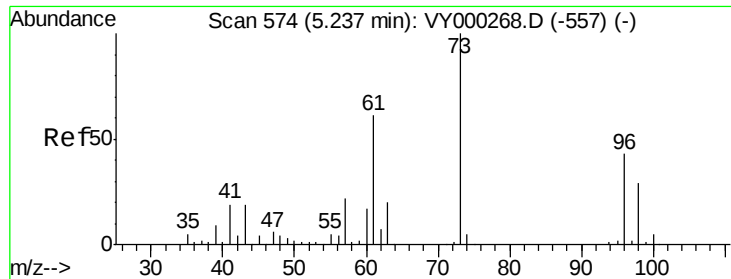
Tot Ion: 76 Resp: 191297
Ion Ratio Lower Upper
76 100
78 9.7 7.0 10.4



#18
Methyl Acetate
Concen: 21.972 ug/l
RT: 4.49 min Scan# 451
Delta R.T. 0.00 min
Lab File: VY000345.D
Acq: 18 Oct 2019 12:19

Tgt Ion: 43 Resp: 52452
Ion Ratio Lower Upper
43 100
74 23.7 20.4 30.6

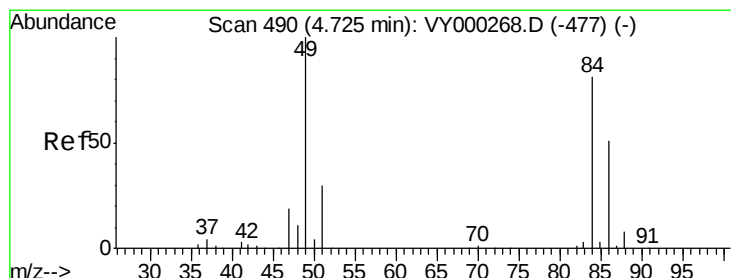
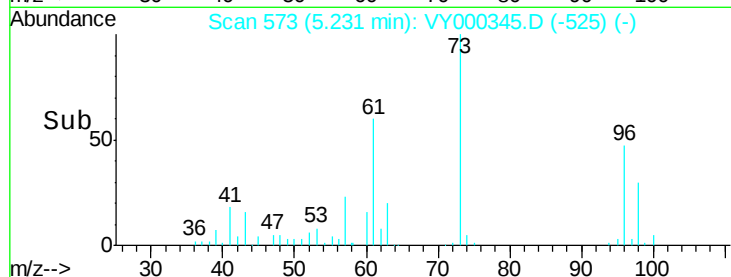
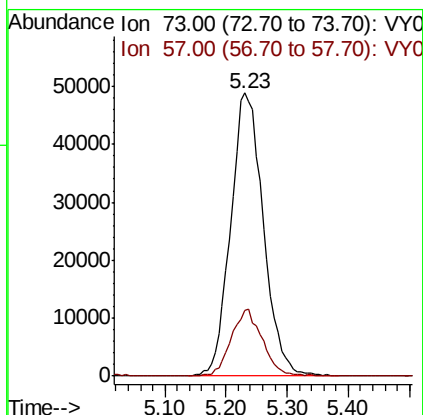
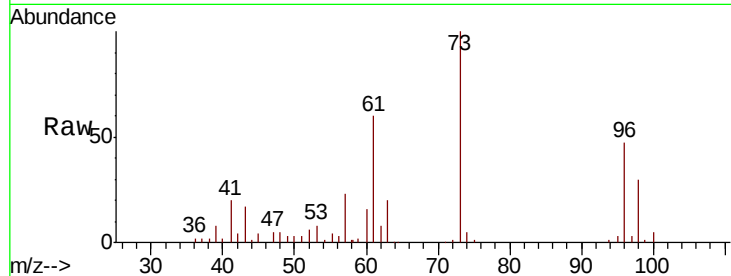




#19
Methyl tert-butyl Ether
Concen: 22.809 ug/l
RT: 5.23 min Scan# 573
Delta R.T. -0.01 min
Lab File: VY000345.D
Acq: 18 Oct 2019 12:19

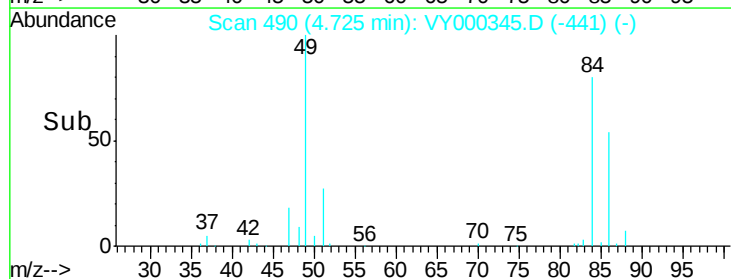
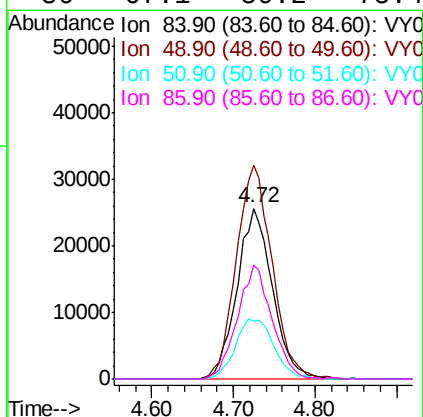
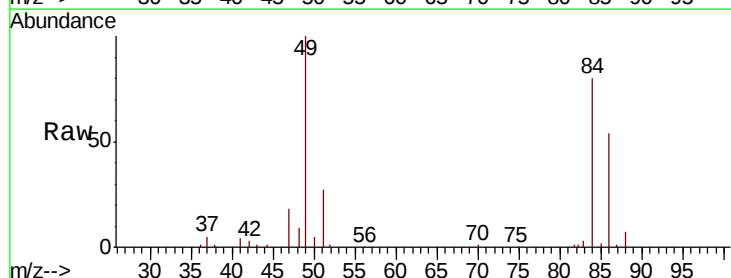
Instrument :
MSVOA_Y
ClientSampleId :
VY1018SBS01

Tot Ion: 73 Resp: 180369
Ion Ratio Lower Upper
73 100
57 23.2 17.4 26.0



#20
Methylene Chloride
Concen: 20.581 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY000345.D
Acq: 18 Oct 2019 12:19

Tgt Ion: 84 Resp: 76979
Ion Ratio Lower Upper
84 100
49 125.4 99.0 148.4
51 34.2 29.3 43.9
86 67.1 50.2 75.4





#21

trans-1,2-Dichloroethene

Concen: 21.230 ug/l

RT: 5.23 min Scan# 573

Delta R.T. 0.01 min

Lab File: VY000345.D

Acq: 18 Oct 2019 12:19

Instrument :

MSVOA_Y

ClientSampleId :

VY1018SBS01

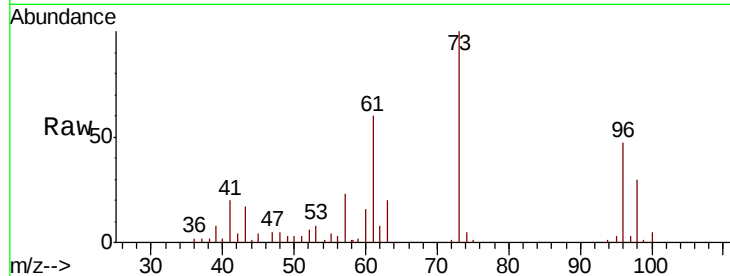
Tot Ion: 96 Resp: 69190

Ion Ratio Lower Upper

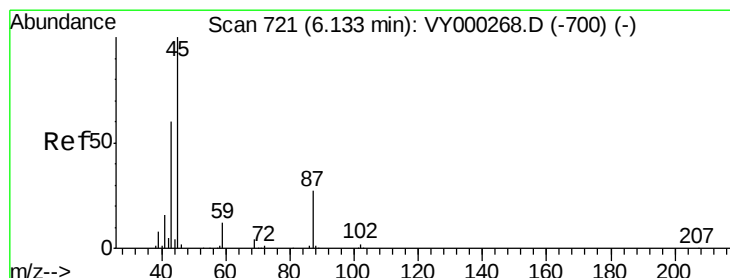
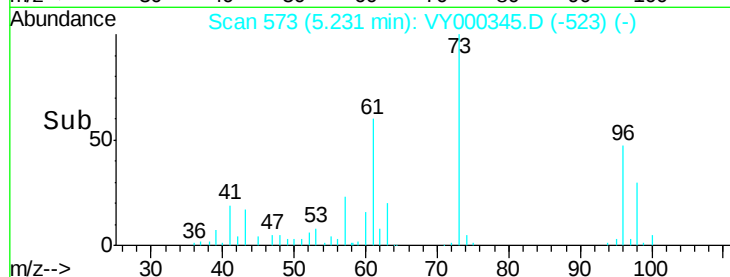
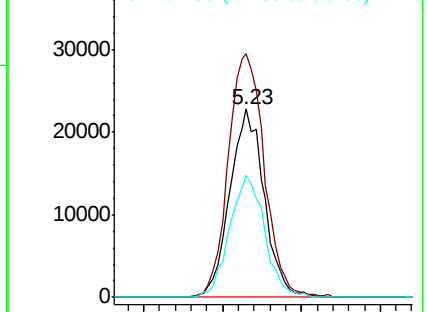
96 100

61 129.1 100.4 150.6

98 64.8 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: 22.762 ug/l

RT: 6.13 min Scan# 721

Delta R.T. 0.00 min

Lab File: VY000345.D

Acq: 18 Oct 2019 12:19

Tgt Ion: 45 Resp: 226627

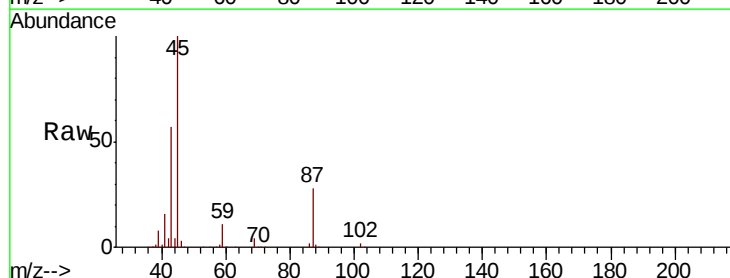
Ion Ratio Lower Upper

45 100

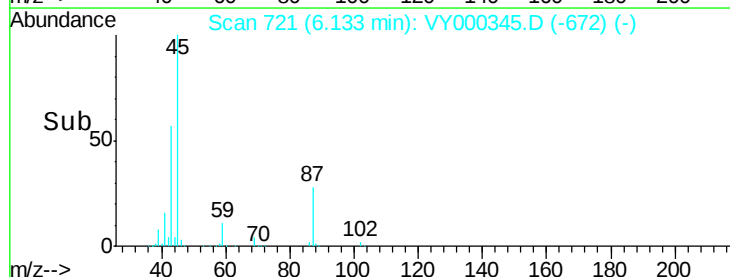
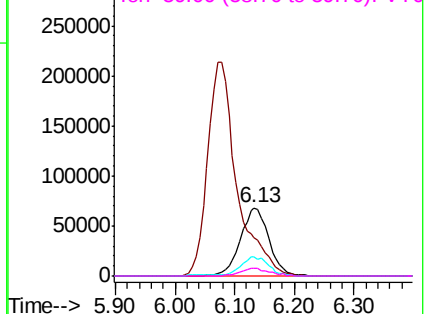
43 56.6 48.5 72.7

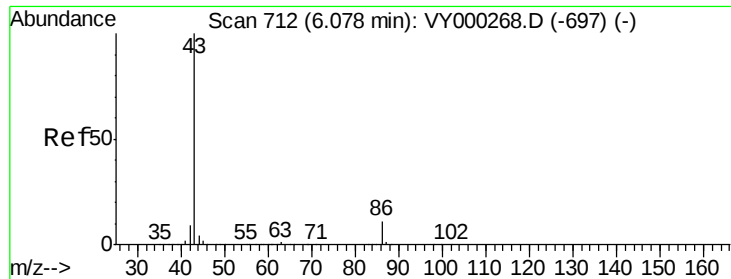
87 28.4 21.5 32.3

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: 111.934 ug/l

RT: 6.08 min Scan# 712

Delta R.T. -0.00 min

Lab File: VY000345.D

Acq: 18 Oct 2019 12:19

Instrument :

MSVOA_Y

ClientSampleId :

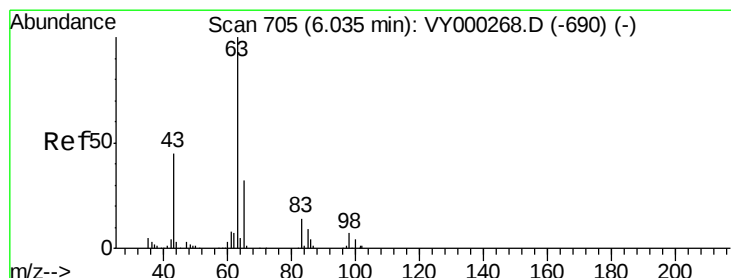
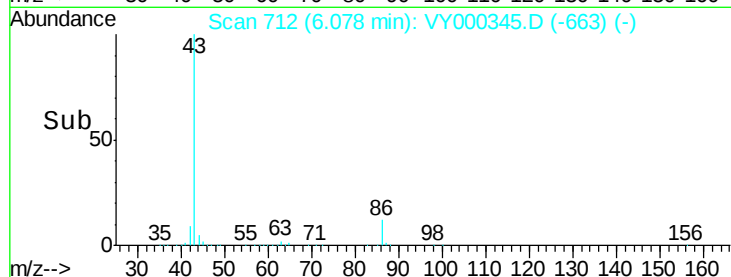
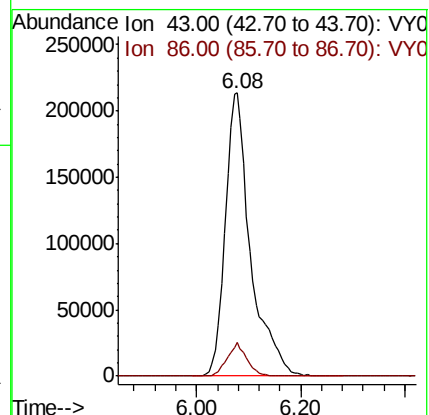
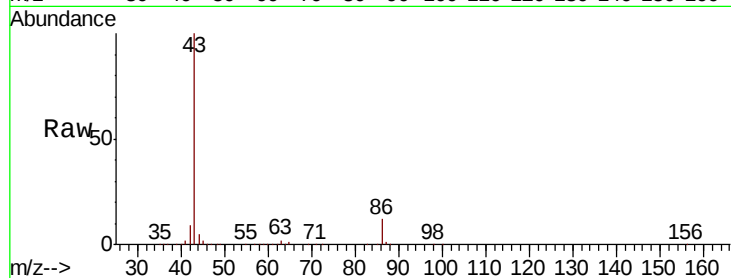
VY1018SBS01

Tot Ion: 43 Resp: 727055

Ion Ratio Lower Upper

43 100

86 12.1 8.6 13.0



#24

1,1-Dichloroethane

Concen: 22.549 ug/l

RT: 6.03 min Scan# 704

Delta R.T. -0.01 min

Lab File: VY000345.D

Acq: 18 Oct 2019 12:19

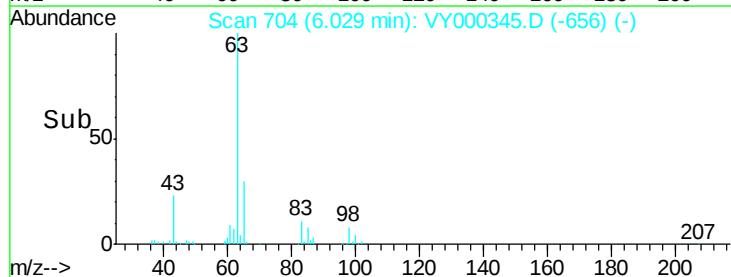
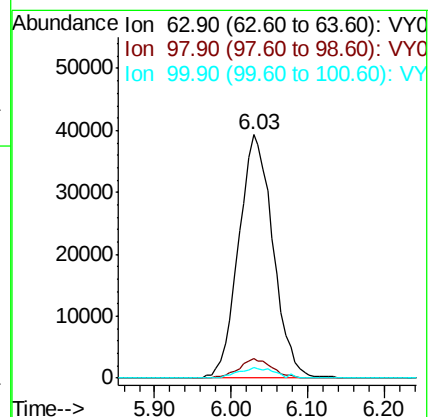
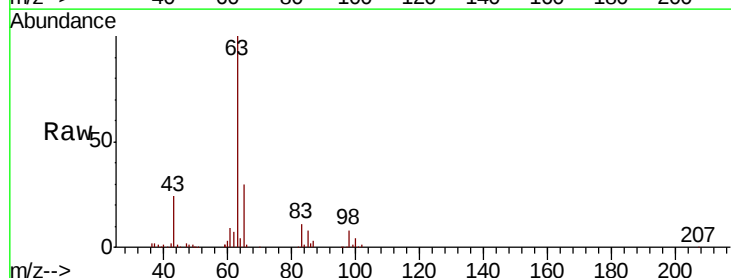
Tgt Ion: 63 Resp: 122546

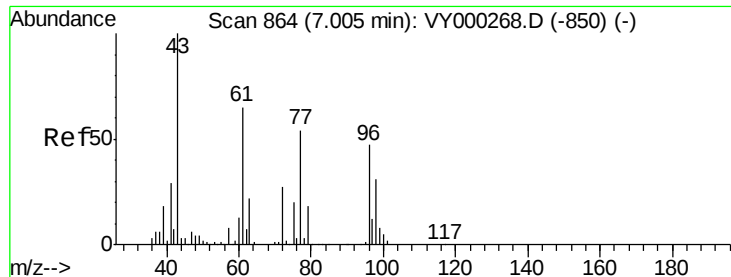
Ion Ratio Lower Upper

63 100

98 8.1 3.5 10.4

100 4.4 2.1 6.2





#25

2-Butanone

Concen: 105.848 ug/l

RT: 7.00 min Scan# 864

Delta R.T. 0.00 min

Lab File: VY000345.D

Acq: 18 Oct 2019 12:19

Instrument :

MSVOA_Y

ClientSampleId :

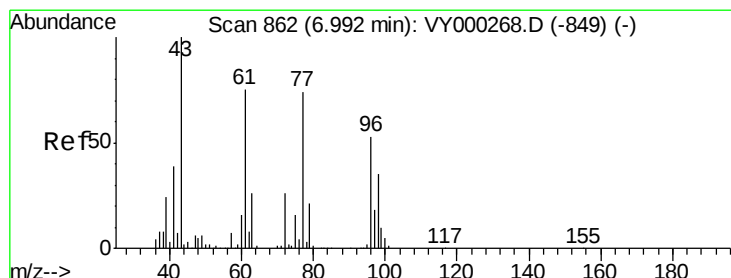
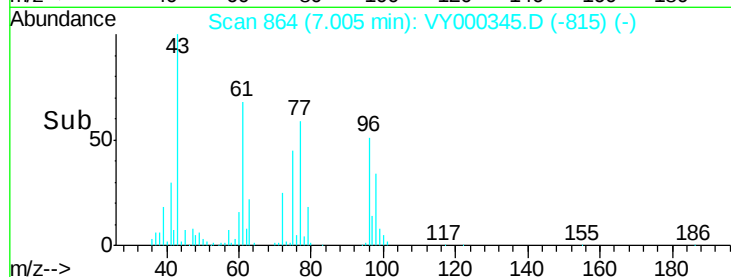
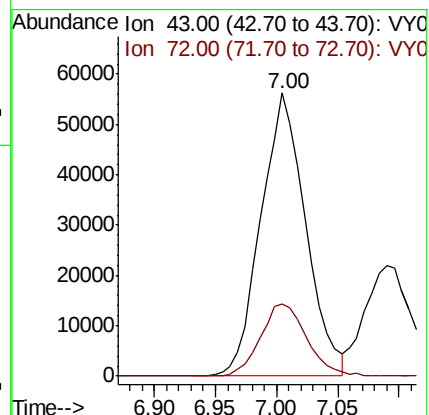
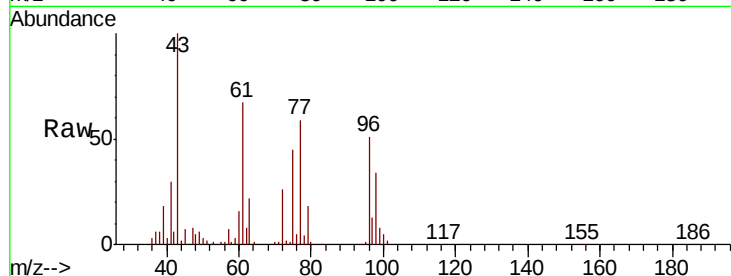
VY1018SBS01

Tot Ion: 43 Resp: 143259

Ion Ratio Lower Upper

43 100

72 25.6 21.4 32.2



#26

2,2-Dichloropropane

Concen: 21.716 ug/l

RT: 7.00 min Scan# 863

Delta R.T. 0.01 min

Lab File: VY000345.D

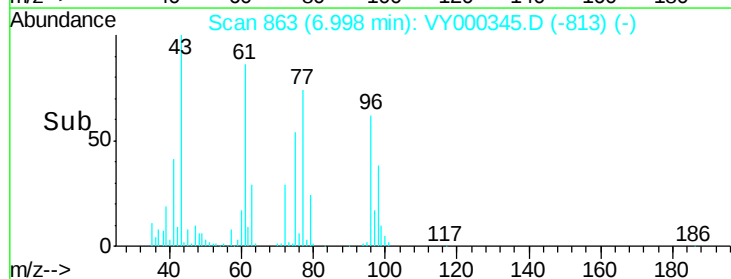
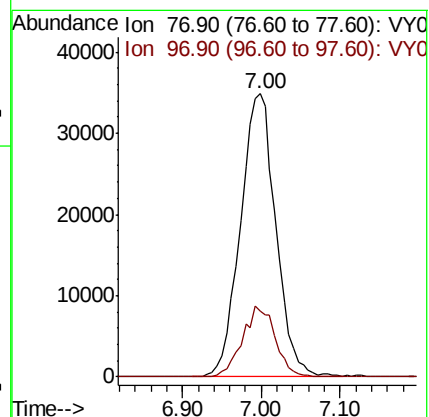
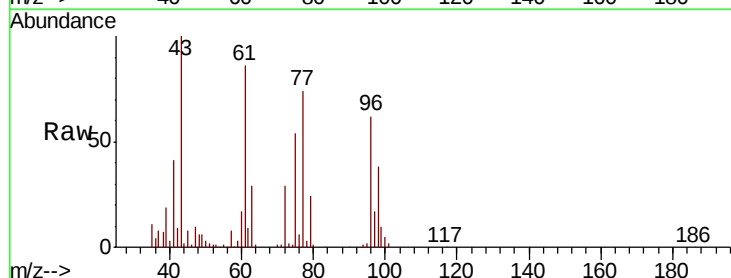
Acq: 18 Oct 2019 12:19

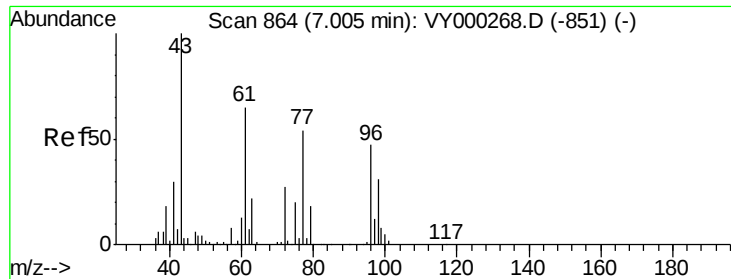
Tgt Ion: 77 Resp: 108748

Ion Ratio Lower Upper

77 100

97 23.1 11.6 34.7



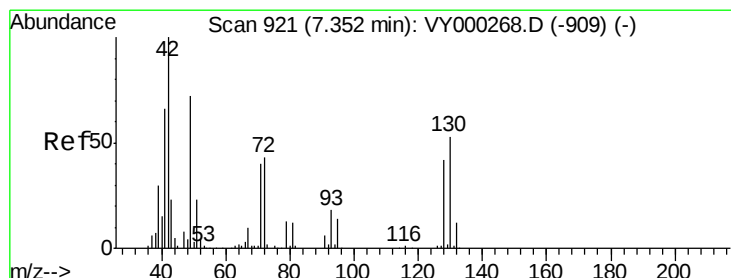
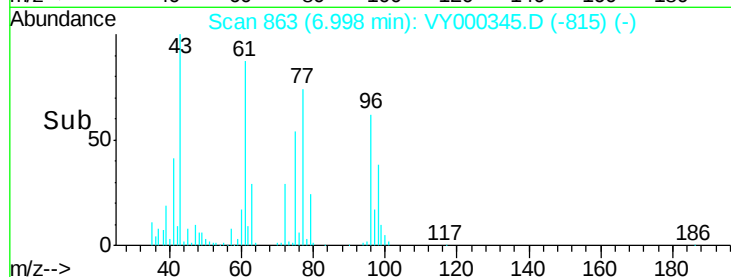
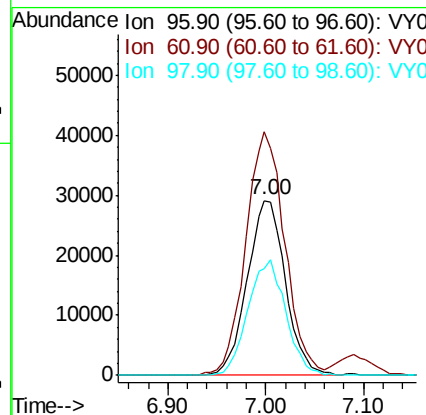
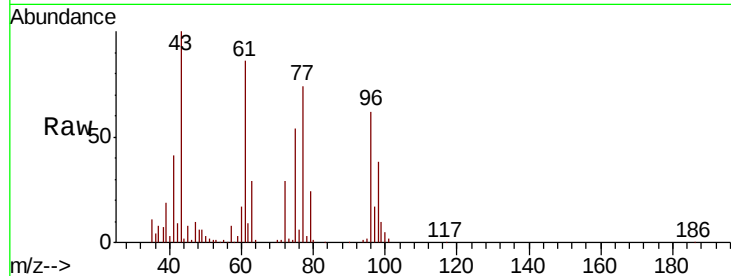


#27

cis-1,2-Dichloroethene
 Concen: 22.469 ug/l
 RT: 7.00 min Scan# 863
 Delta R.T. -0.01 min
 Lab File: VY000345.D
 Acq: 18 Oct 2019 12:19

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1018SBS01

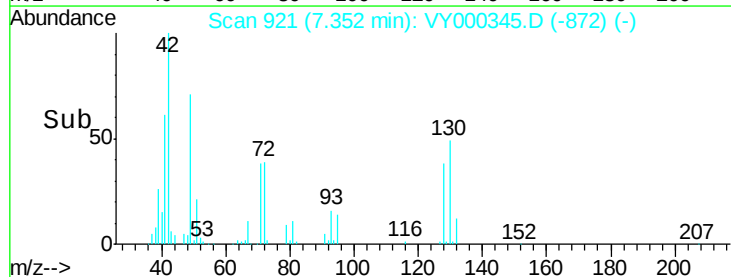
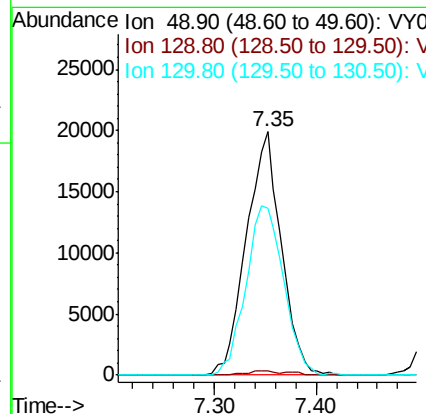
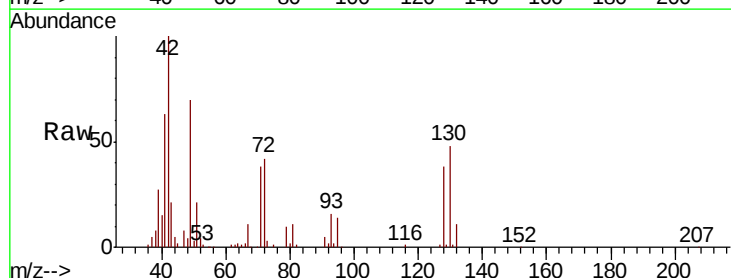
Tot Ion: 96 Resp: 79239
 Ion Ratio Lower Upper
 96 100
 61 142.1 0.0 289.8
 98 65.3 0.0 131.8

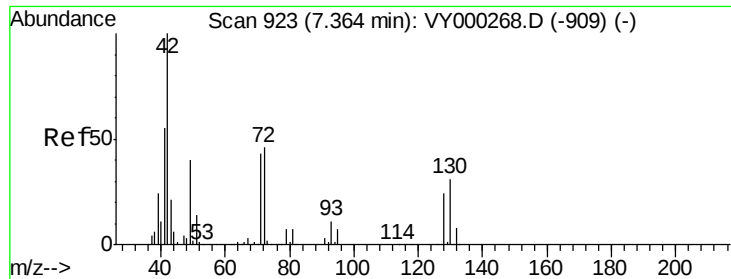


#28

Bromochloromethane
 Concen: 20.283 ug/l
 RT: 7.35 min Scan# 921
 Delta R.T. 0.00 min
 Lab File: VY000345.D
 Acq: 18 Oct 2019 12:19

Tgt Ion: 49 Resp: 47320
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 4.0
 130 75.1 58.2 87.2

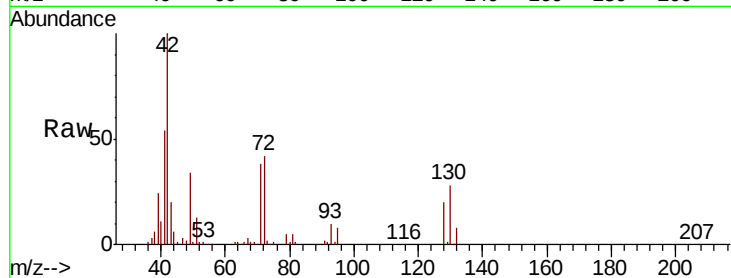




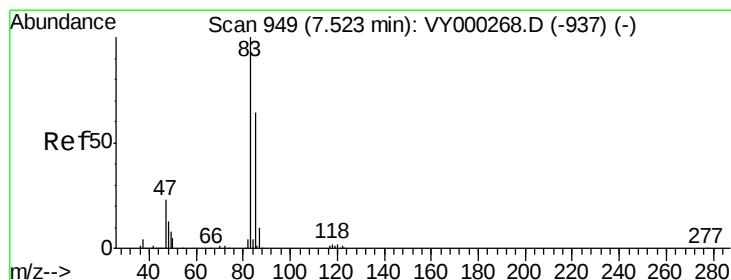
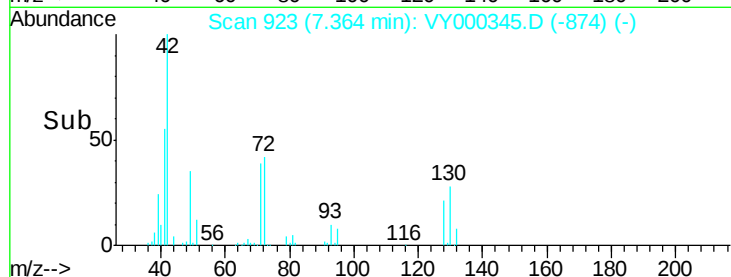
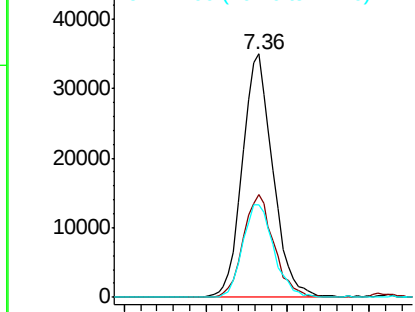
#29
Tetrahydrofuran
Concen: 111.162 ug/l
RT: 7.36 min Scan# 923
Delta R.T. 0.00 min
Lab File: VY000345.D
Acq: 18 Oct 2019 12:19

Instrument :
MSVOA_Y
ClientSampleId :
VY1018SBS01

Tot Ion: 42 Resp: 91179
Ion Ratio Lower Upper
42 100
72 42.3 34.5 51.7
71 38.7 32.7 49.1

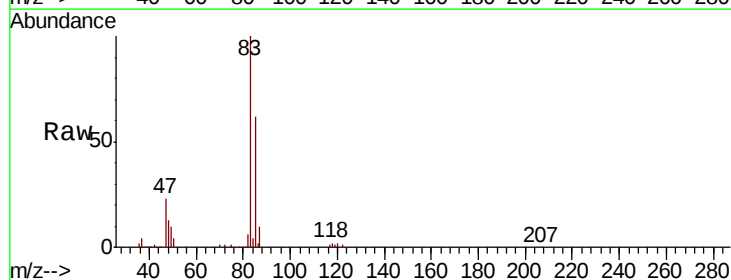


Abundance Ion 42.00 (41.70 to 42.70): VY0
Ion 72.00 (71.70 to 72.70): VY0
Ion 71.00 (70.70 to 71.70): VY0

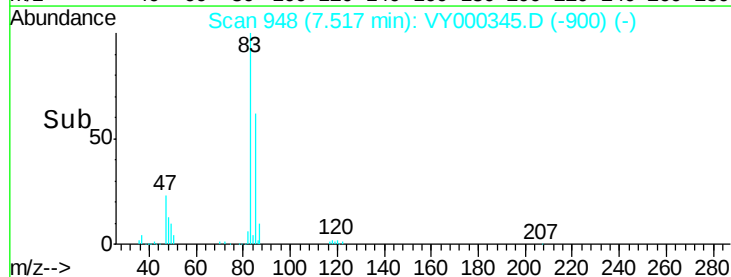
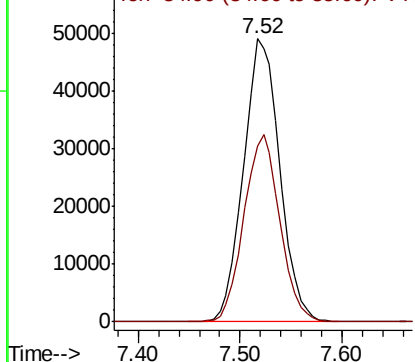


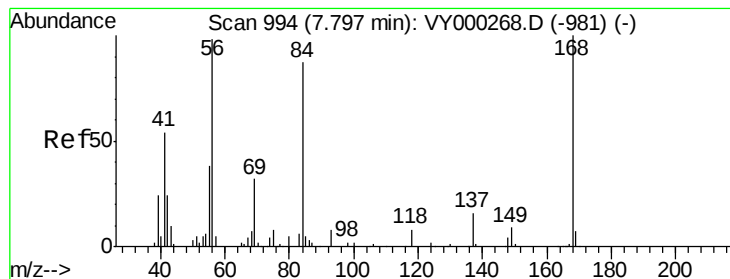
#30
Chloroform
Concen: 22.169 ug/l
RT: 7.52 min Scan# 948
Delta R.T. -0.01 min
Lab File: VY000345.D
Acq: 18 Oct 2019 12:19

Tgt Ion: 83 Resp: 121331
Ion Ratio Lower Upper
83 100
85 62.0 51.4 77.2



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





#31

Cyclohexane

Concen: 21.211 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY000345.D

Acq: 18 Oct 2019 12:19

Instrument :

MSVOA_Y

ClientSampleId :

VY1018SBS01

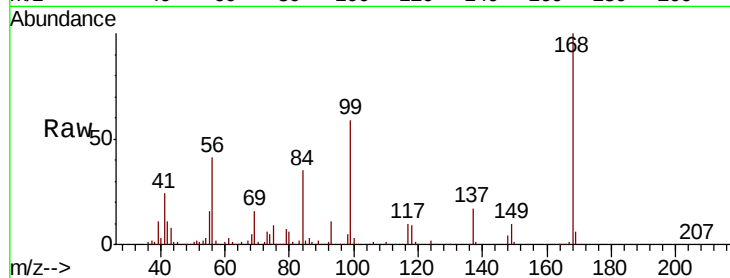
Tot Ion: 56 Resp: 120394

Ion Ratio Lower Upper

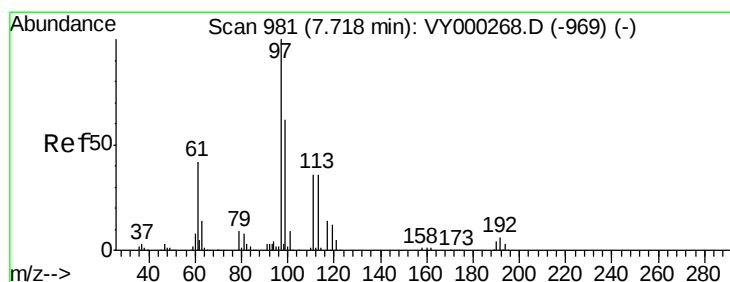
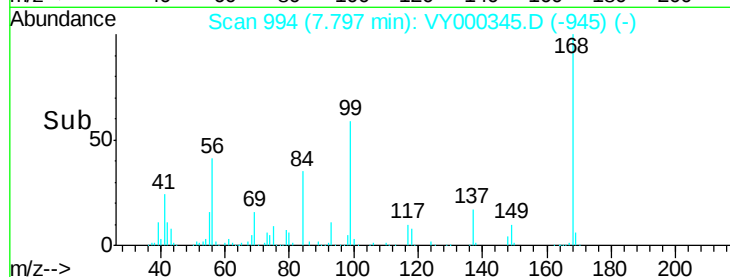
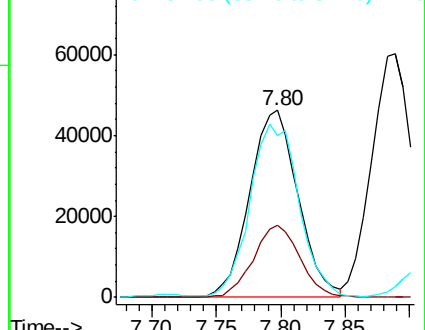
56 100

69 38.8 26.3 39.5

84 85.3 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: 21.879 ug/l

RT: 7.71 min Scan# 980

Delta R.T. -0.01 min

Lab File: VY000345.D

Acq: 18 Oct 2019 12:19

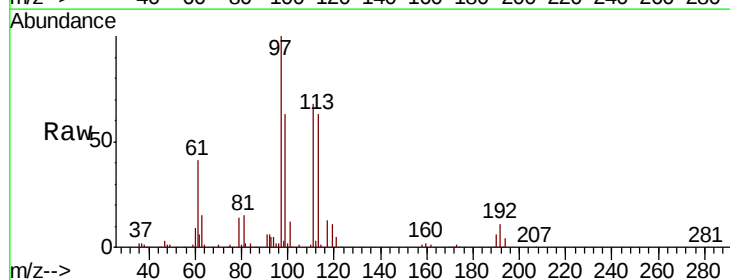
Tgt Ion: 97 Resp: 106457

Ion Ratio Lower Upper

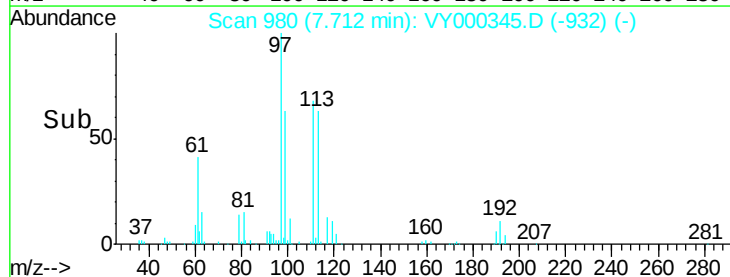
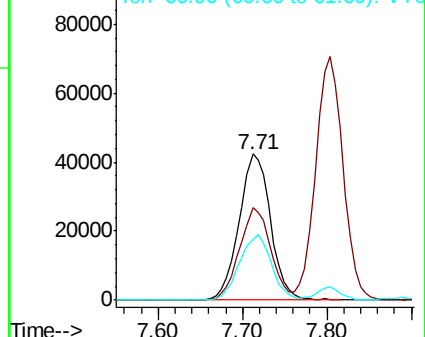
97 100

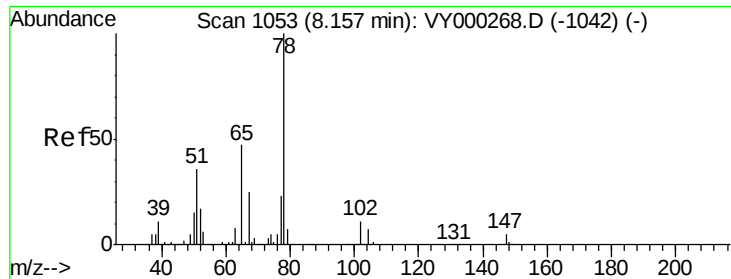
99 63.5 51.7 77.5

61 45.7 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

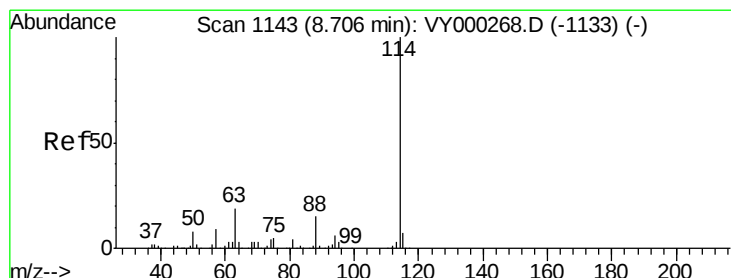
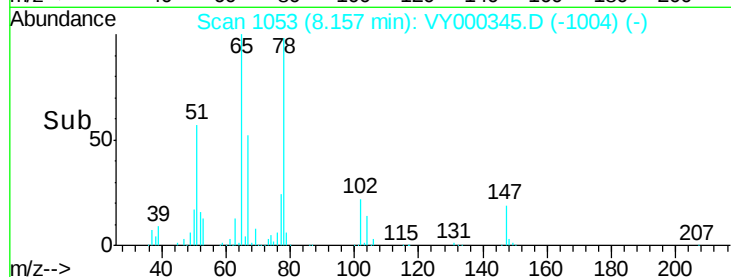
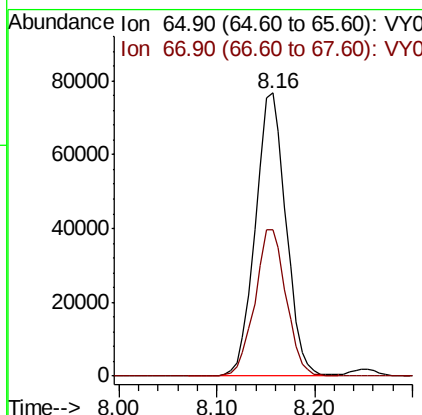
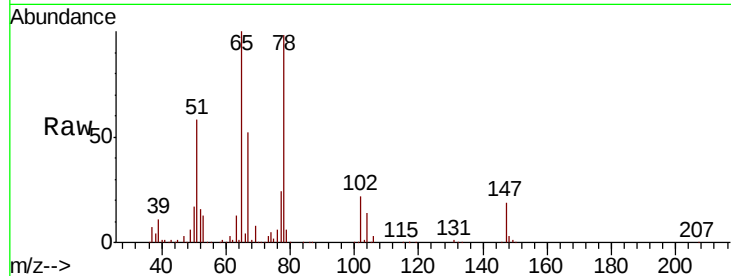




#33
 1,2-Dichloroethane-d4
 Concen: 56.249 ug/l
 RT: 8.16 min Scan# 1053
 Delta R.T. 0.00 min
 Lab File: VY000345.D
 Acq: 18 Oct 2019 12:19

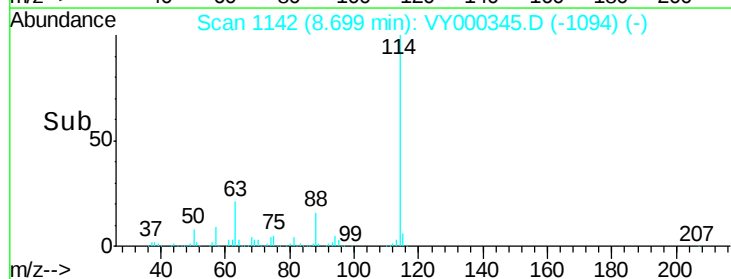
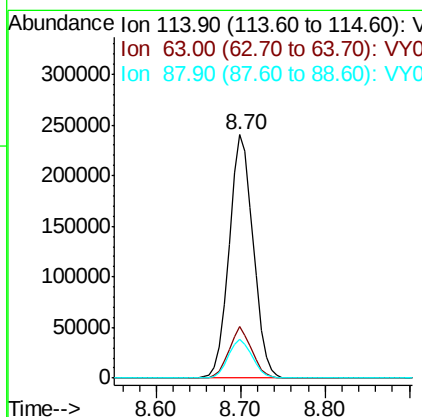
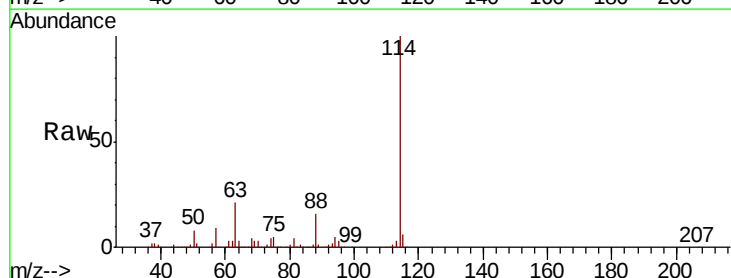
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1018SBS01

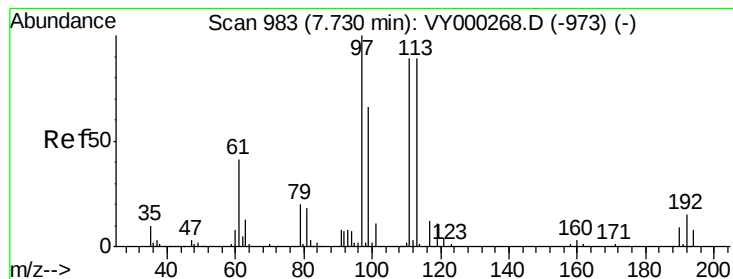
Tot Ion: 65 Resp: 166880
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.01 min
 Lab File: VY000345.D
 Acq: 18 Oct 2019 12:19

Tgt Ion: 114 Resp: 464981
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 37.2
 88 15.9 0.0 30.2





#35

Dibromofluoromethane

Concen: 53.588 ug/l

RT: 7.73 min Scan# 983

Delta R.T. 0.00 min

Lab File: VY000345.D

Acq: 18 Oct 2019 12:19

Instrument :

MSVOA_Y

ClientSampleId :

VY1018SBS01

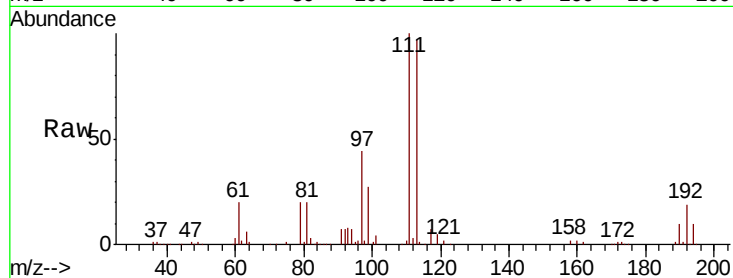
Tot Ion:113 Resp: 150305

Ion Ratio Lower Upper

113 100

111 101.8 81.6 122.4

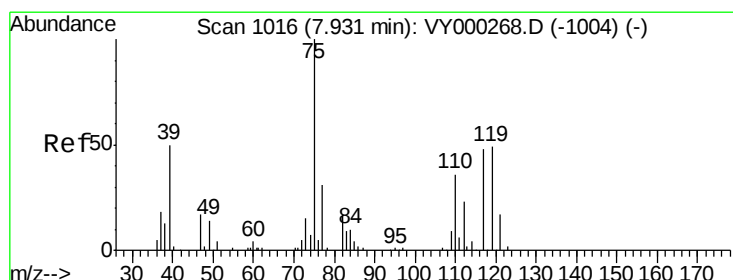
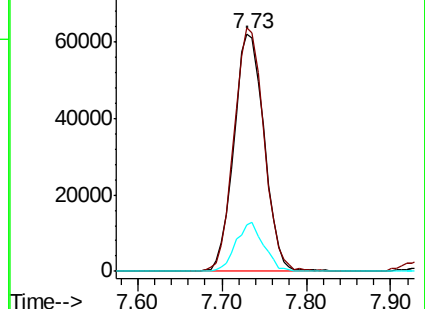
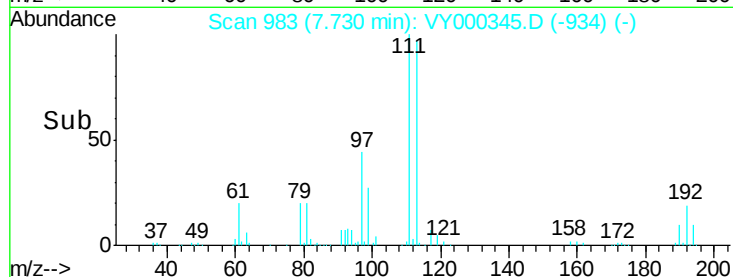
192 19.0 15.3 22.9



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: 21.377 ug/l

RT: 7.93 min Scan# 1015

Delta R.T. -0.01 min

Lab File: VY000345.D

Acq: 18 Oct 2019 12:19

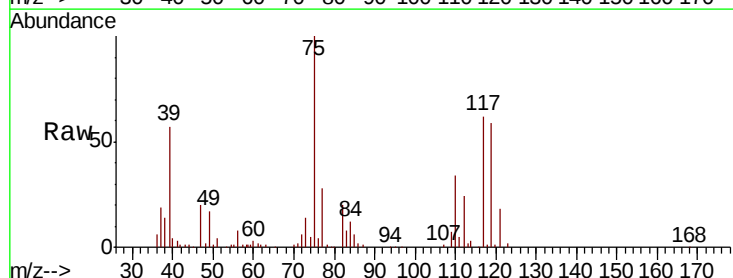
Tgt Ion: 75 Resp: 97316

Ion Ratio Lower Upper

75 100

110 35.1 18.4 55.4

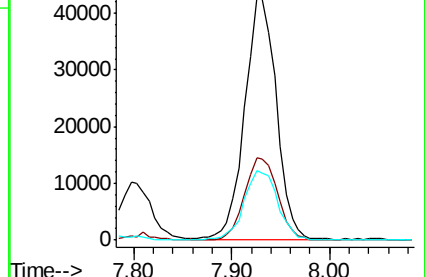
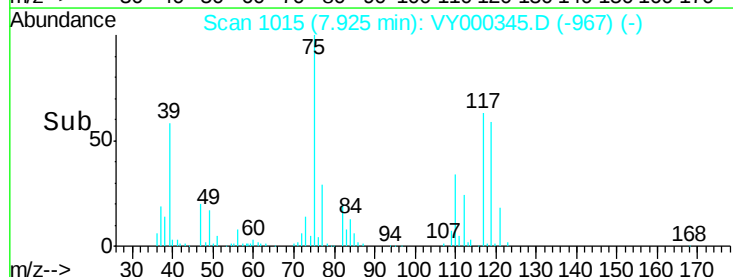
77 30.1 25.0 37.6



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

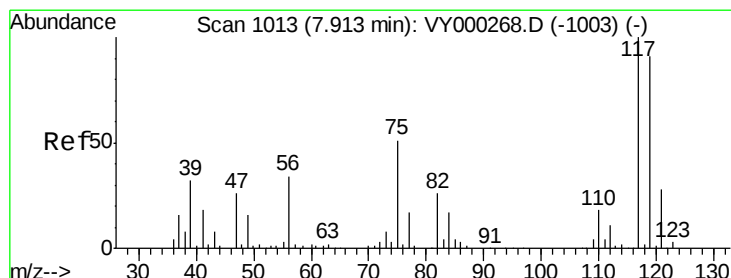
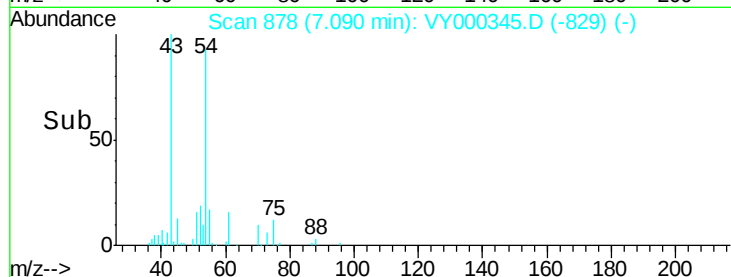
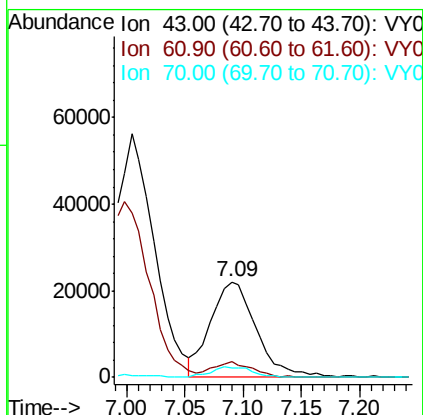
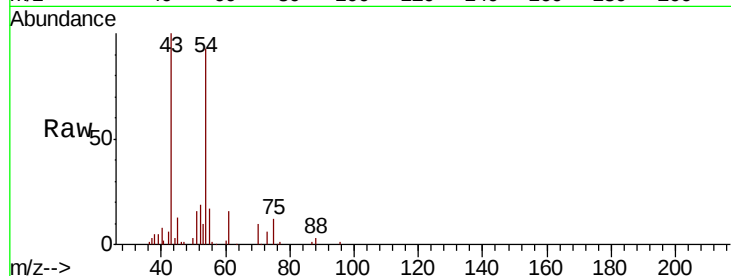




#37
Ethyl Acetate
Concen: 21.929 ug/l
RT: 7.09 min Scan# 878
Delta R.T. 0.00 min
Lab File: VY000345.D
Acq: 18 Oct 2019 12:19

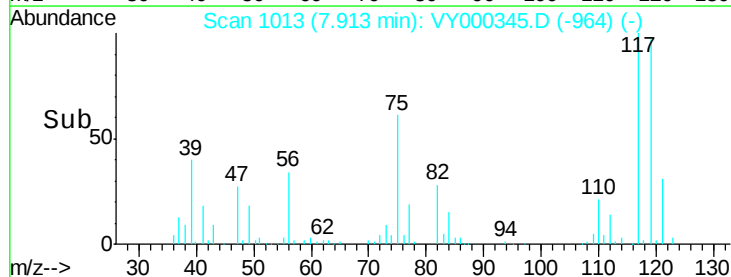
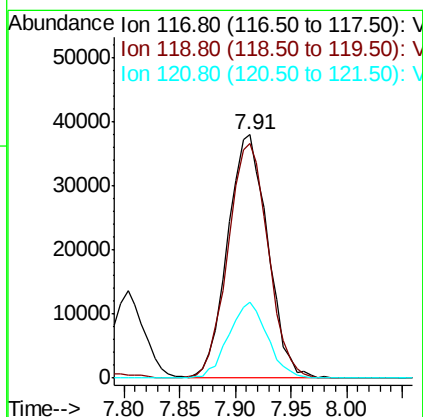
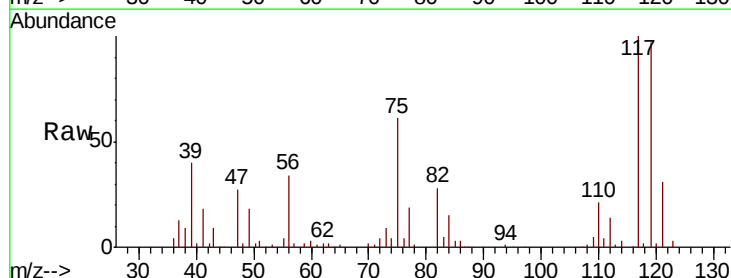
Instrument :
MSVOA_Y
ClientSampleId :
VY1018SBS01

Tot Ion: 43 Resp: 59112
Ion Ratio Lower Upper
43 100
61 14.4 12.1 18.1
70 10.3 8.7 13.1



#38
Carbon Tetrachloride
Concen: 21.469 ug/l
RT: 7.91 min Scan# 1013
Delta R.T. 0.00 min
Lab File: VY000345.D
Acq: 18 Oct 2019 12:19

Tgt Ion: 117 Resp: 94631
Ion Ratio Lower Upper
117 100
119 96.6 72.8 109.2
121 31.3 22.2 33.2

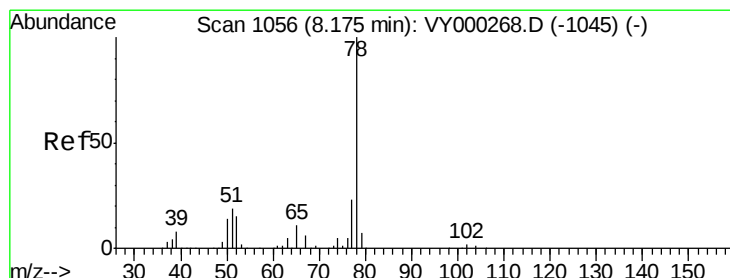
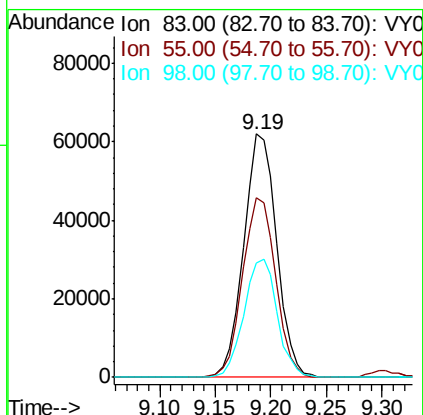
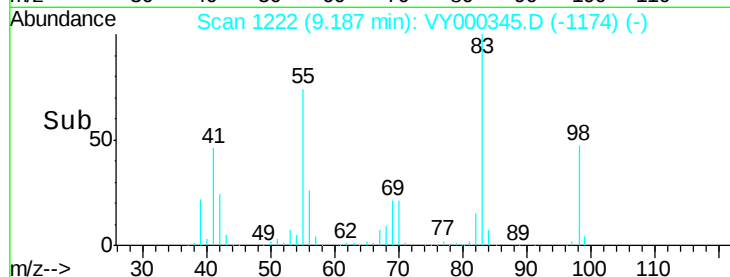
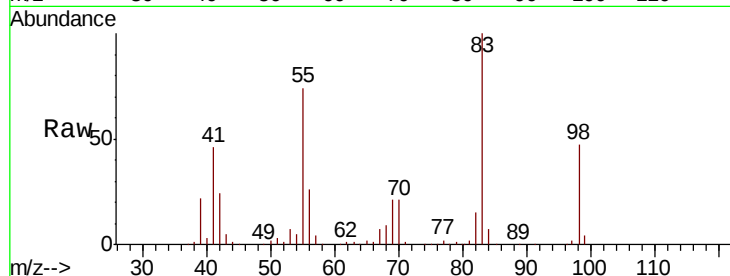




#39
Methvlcvclohexane
Concen: 21.431 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.01 min
Lab File: VY000345.D
Acq: 18 Oct 2019 12:19

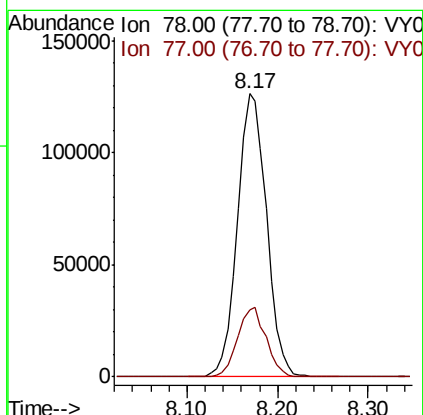
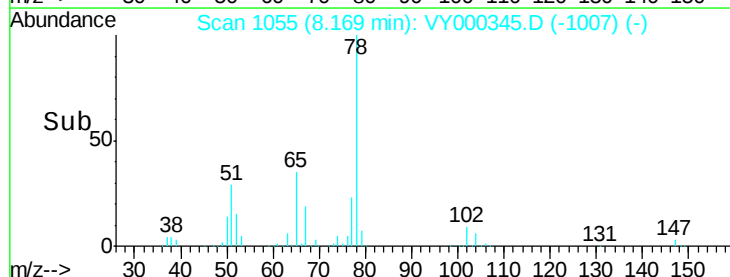
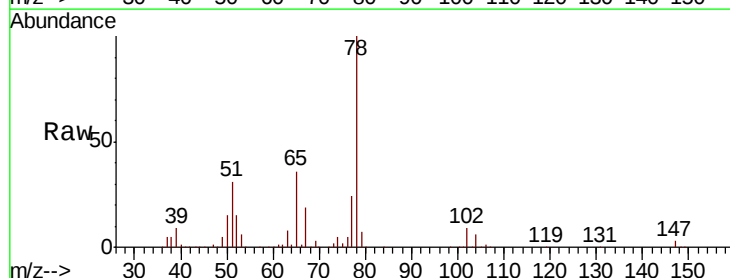
Instrument :
MSVOA_Y
ClientSampleId :
VY1018SBS01

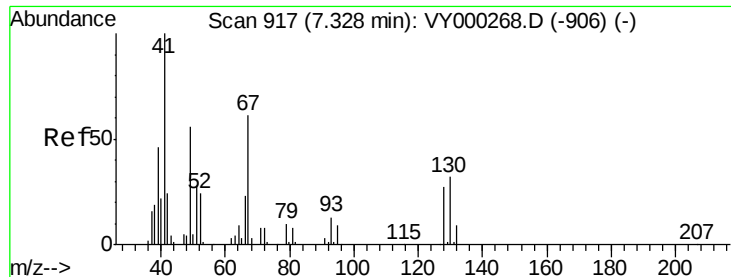
Tot Ion	83.00	Resp	127695
Ion	Ratio	Lower	Upper
83	100		
55	73.7	60.9	91.3
98	46.8	41.8	62.6



#40
Benzene
Concen: 21.427 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. -0.01 min
Lab File: VY000345.D
Acq: 18 Oct 2019 12:19

Tgt Ion	78.00	Resp	281891
Ion	Ratio	Lower	Upper
78	100		
77	23.6	18.8	28.2

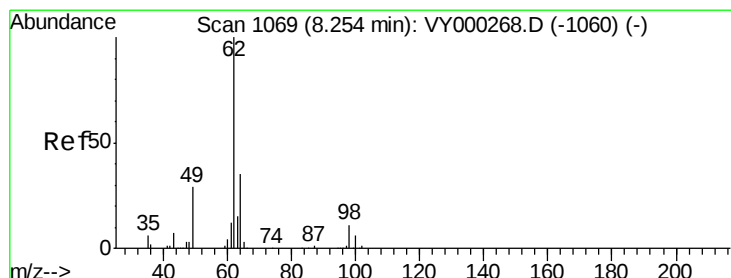
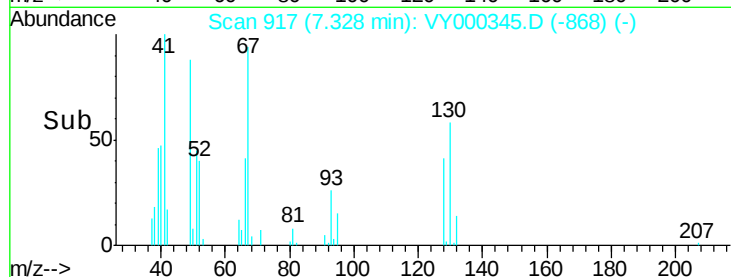
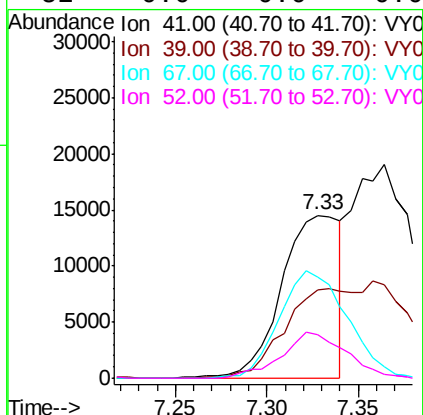
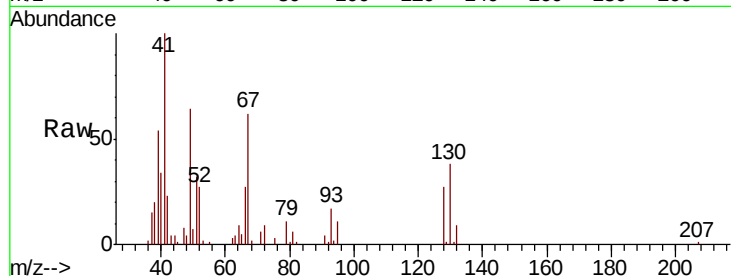




#41
Methacrylonitrile
Concen: 25.592 ug/l m
RT: 7.33 min Scan# 917
Delta R.T. 0.00 min
Lab File: VY000345.D
Acq: 18 Oct 2019 12:19

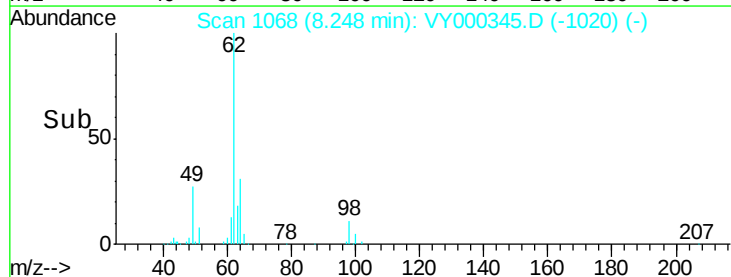
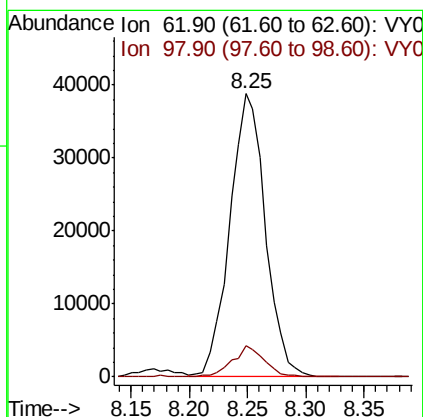
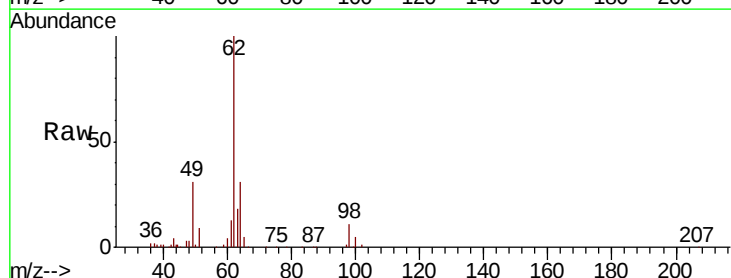
Instrument :
MSVOA_Y
ClientSampleId :
VY1018SBS01

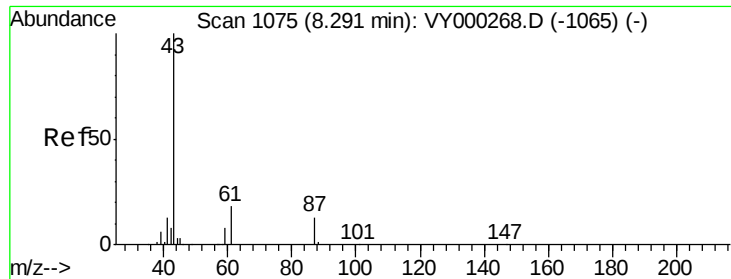
Tot Ion: 41 Resp: 32837
Ion Ratio Lower Upper
41 100
39 0.0 110.2 165.2#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 21.984 ug/l
RT: 8.25 min Scan# 1068
Delta R.T. -0.01 min
Lab File: VY000345.D
Acq: 18 Oct 2019 12:19

Tgt Ion: 62 Resp: 82616
Ion Ratio Lower Upper
62 100
98 9.9 0.0 20.6



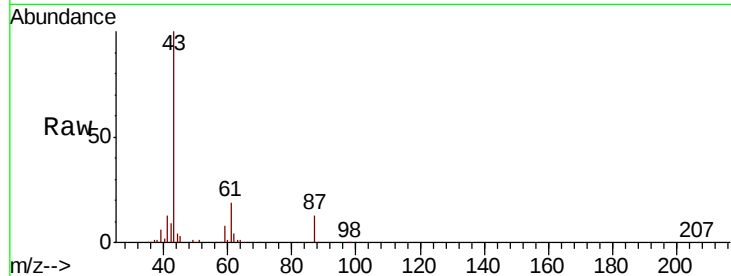


#43

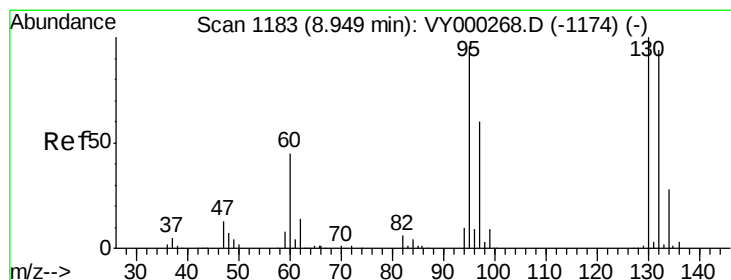
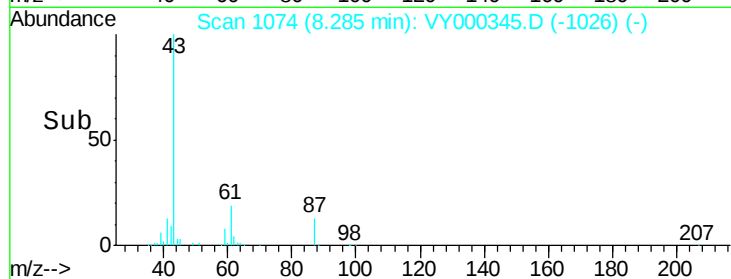
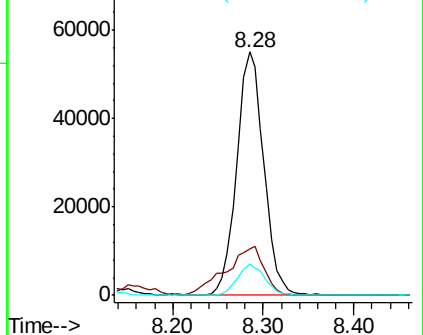
Isopropyl Acetate
 Concen: 22.267 ug/l
 RT: 8.28 min Scan# 1074
 Delta R.T. -0.01 min
 Lab File: VY000345.D
 Acq: 18 Oct 2019 12:19

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1018SBS01

Tot Ion: 43 Resp: 114130
 Ion Ratio Lower Upper
 43 100
 61 28.6 22.3 33.5
 87 13.0 10.9 16.3



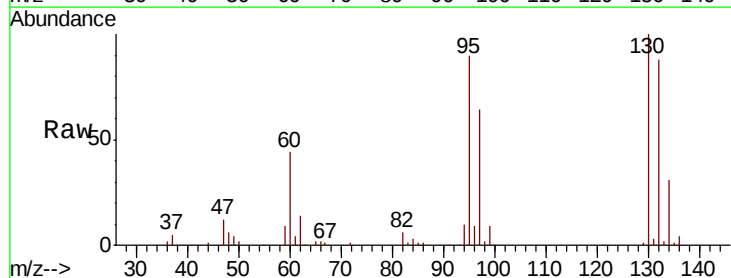
Abundance Ion 43.00 (42.70 to 43.70): VY0
 Ion 61.00 (60.70 to 61.70): VY0
 Ion 87.00 (86.70 to 87.70): VY0



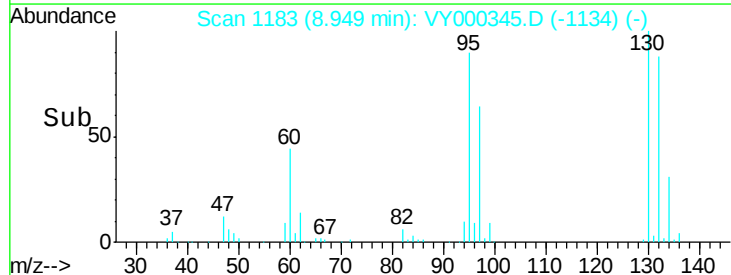
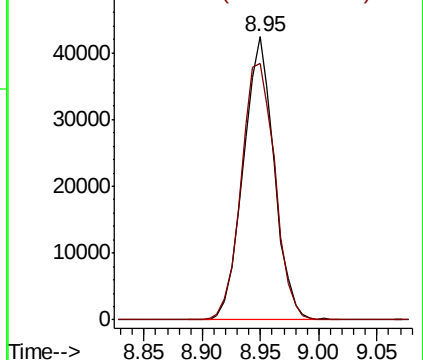
#44

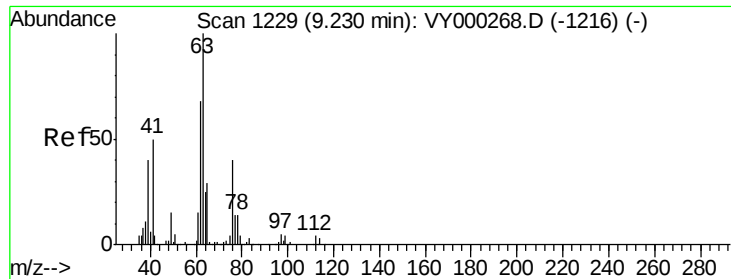
Trichloroethene
 Concen: 21.192 ug/l
 RT: 8.95 min Scan# 1183
 Delta R.T. 0.00 min
 Lab File: VY000345.D
 Acq: 18 Oct 2019 12:19

Tgt Ion:130 Resp: 78228
 Ion Ratio Lower Upper
 130 100
 95 90.5 0.0 191.4



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

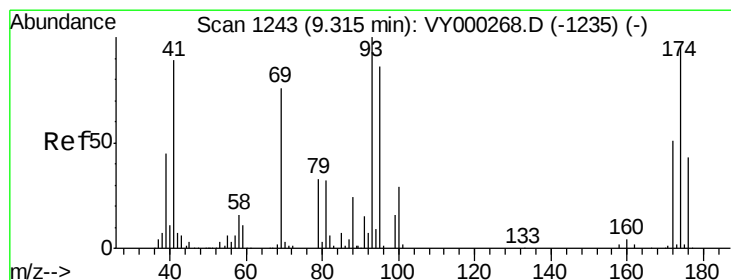
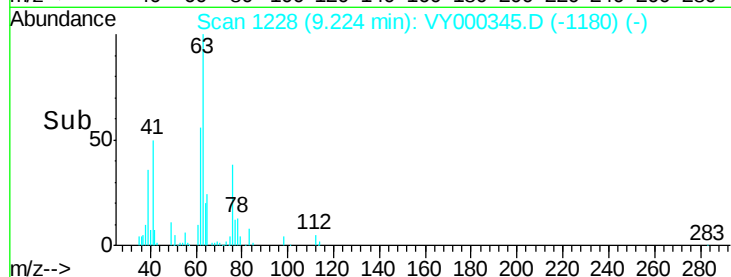
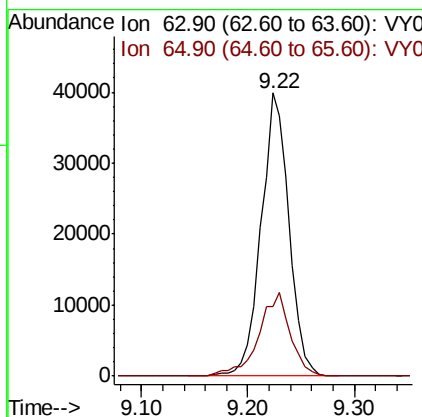
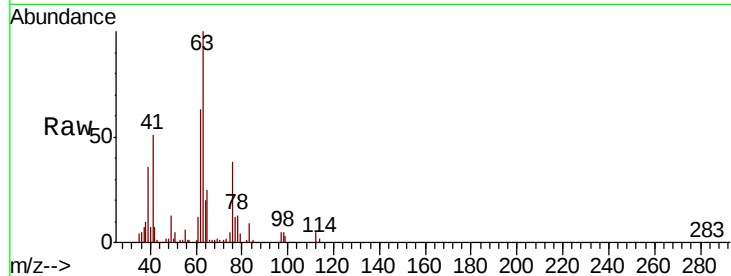




#45
 1,2-Dichloropropane
 Concen: 22.622 ug/l
 RT: 9.22 min Scan# 1228
 Delta R.T. -0.01 min
 Lab File: VY000345.D
 Acq: 18 Oct 2019 12:19

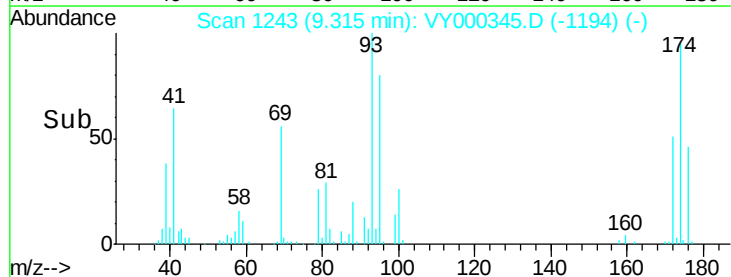
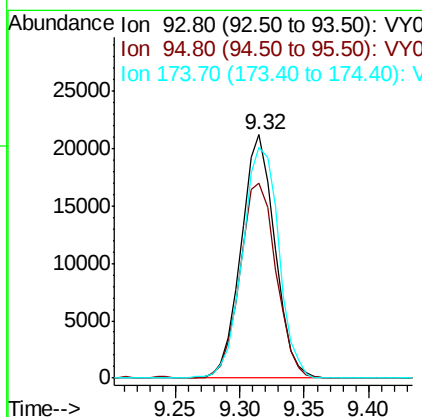
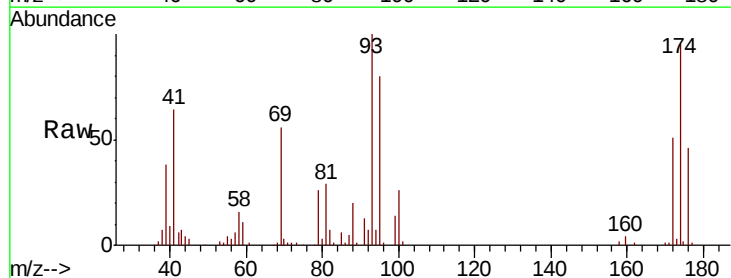
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1018SBS01

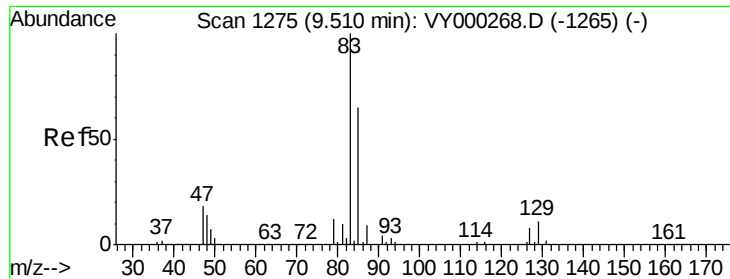
Tot Ion: 63 Resp: 73037
 Ion Ratio Lower Upper
 63 100
 65 24.6 23.2 34.8



#46
 Dibromomethane
 Concen: 21.316 ug/l
 RT: 9.32 min Scan# 1243
 Delta R.T. 0.00 min
 Lab File: VY000345.D
 Acq: 18 Oct 2019 12:19

Tgt Ion: 93 Resp: 38471
 Ion Ratio Lower Upper
 93 100
 95 85.7 68.2 102.2
 174 101.7 79.8 119.6





#47

Bromodichloromethane

Concen: 21.959 ug/l

RT: 9.50 min Scan# 1274

Delta R.T. -0.01 min

Lab File: VY000345.D

Acq: 18 Oct 2019 12:19

Instrument :

MSVOA_Y

ClientSampleId :

VY1018SBS01

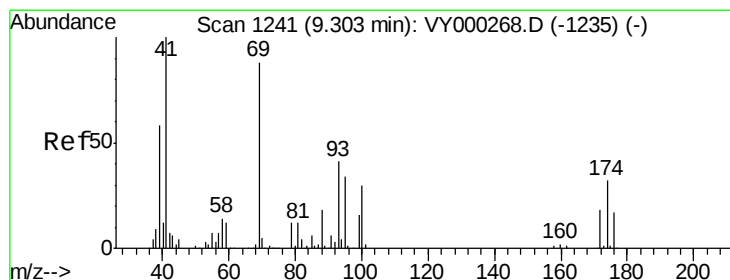
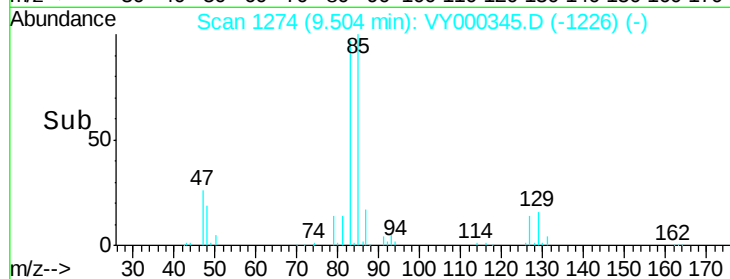
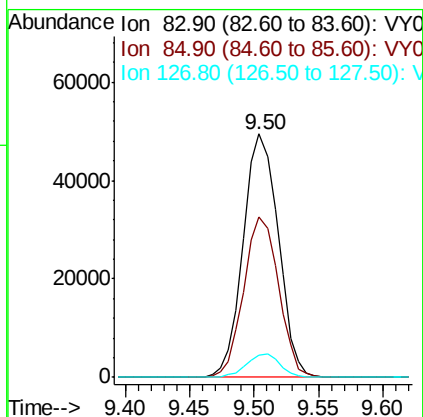
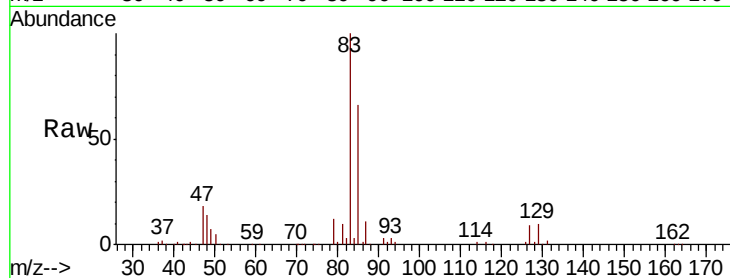
Tot Ion: 83 Resp: 93401

Ion Ratio Lower Upper

83 100

85 65.9 52.2 78.2

127 9.0 6.3 9.5



#48

Methyl methacrylate

Concen: 21.599 ug/l

RT: 9.30 min Scan# 1241

Delta R.T. 0.00 min

Lab File: VY000345.D

Acq: 18 Oct 2019 12:19

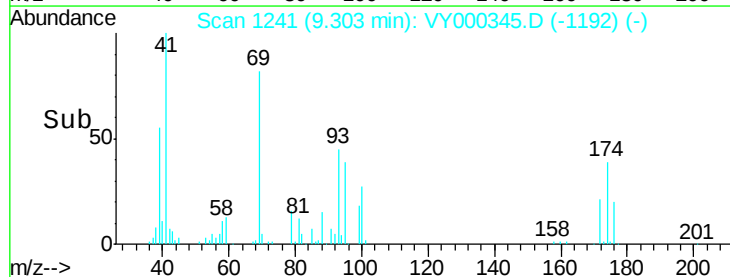
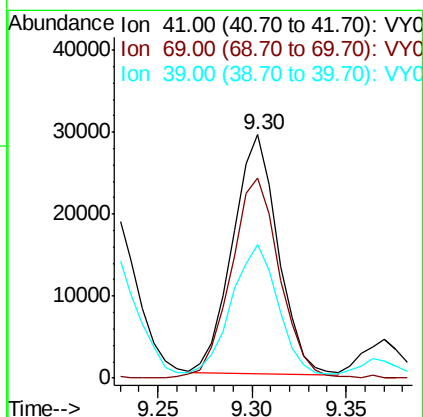
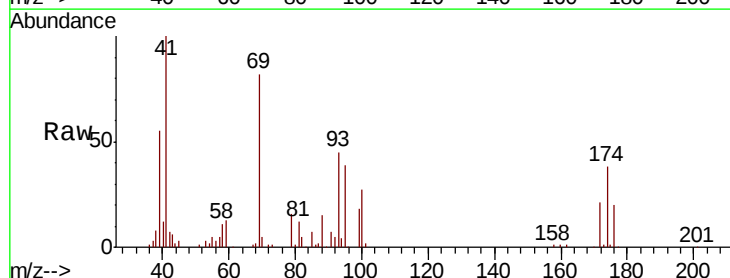
Tgt Ion: 41 Resp: 48516

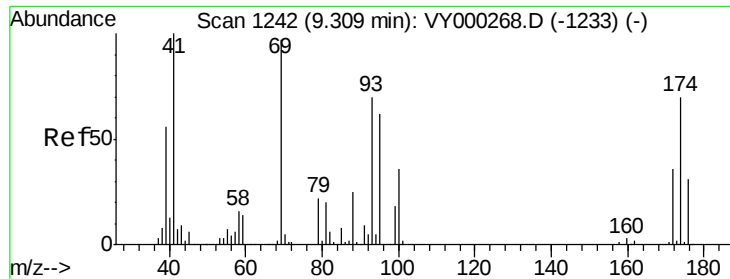
Ion Ratio Lower Upper

41 100

69 90.0 70.0 105.0

39 59.8 47.7 71.5

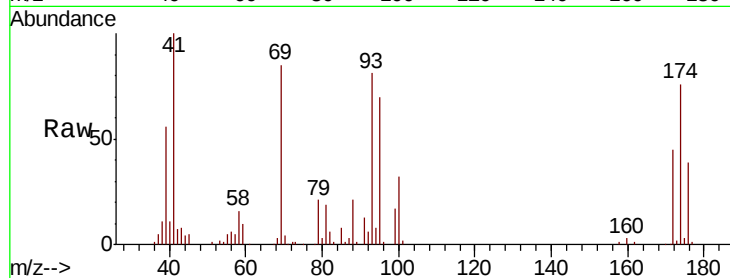




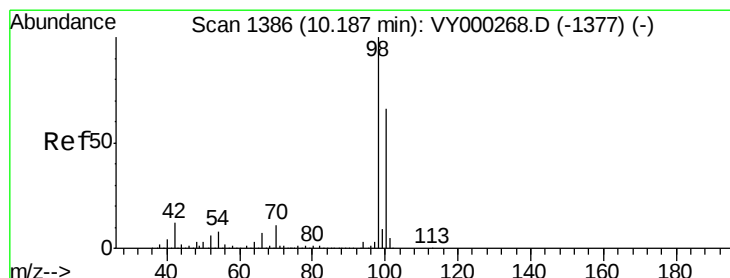
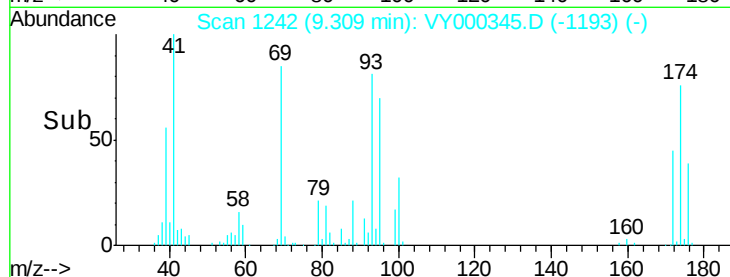
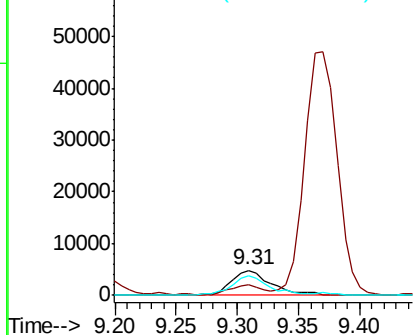
#49
 1,4-Dioxane
 Concen: 396.992 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. 0.00 min
 Lab File: VY000345.D
 Acq: 18 Oct 2019 12:19

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1018SBS01

Tot Ion: 88 Resp: 10743
 Ion Ratio Lower Upper
 88 100
 43 33.9 25.6 38.4
 58 76.8 54.6 81.8

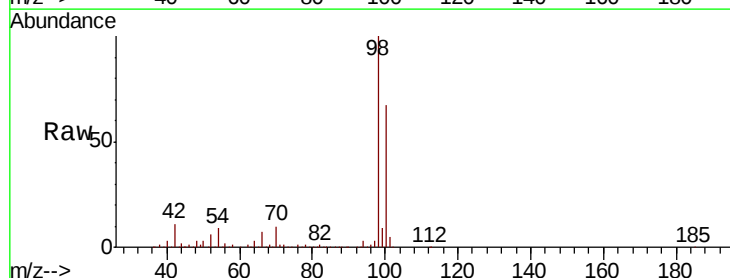


Abundance Ion 88.00 (87.70 to 88.70): VY0
 Ion 43.00 (42.70 to 43.70): VY0
 Ion 58.00 (57.70 to 58.70): VY0

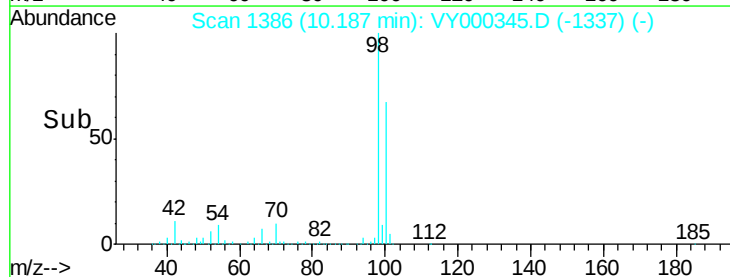
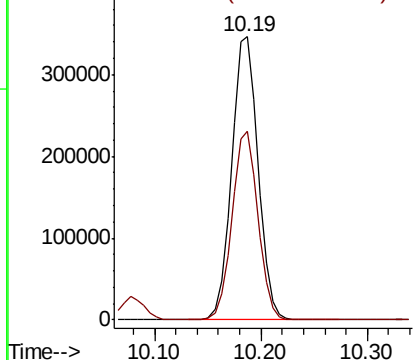


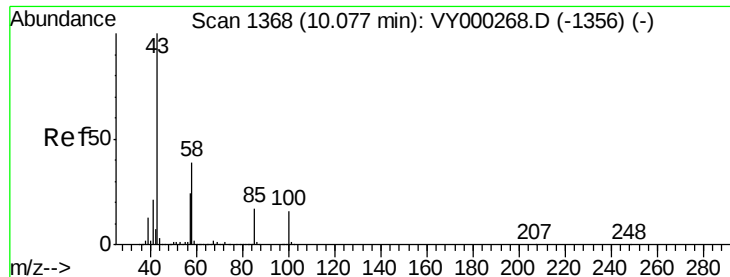
#50
 Toluene-d8
 Concen: 55.688 ug/l
 RT: 10.19 min Scan# 1386
 Delta R.T. 0.00 min
 Lab File: VY000345.D
 Acq: 18 Oct 2019 12:19

Tgt Ion: 98 Resp: 600842
 Ion Ratio Lower Upper
 98 100
 100 65.5 52.8 79.2



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

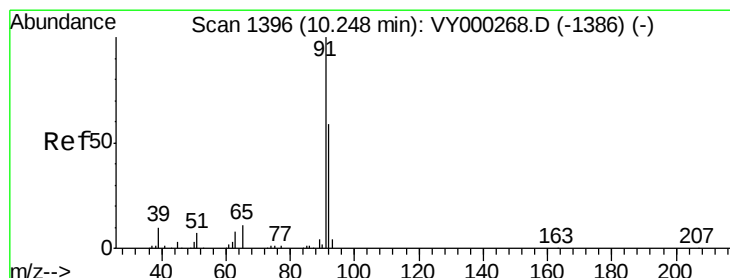
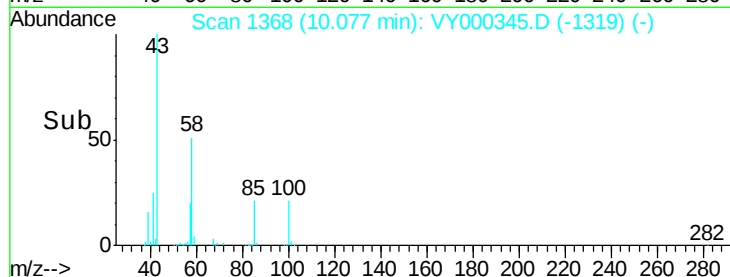
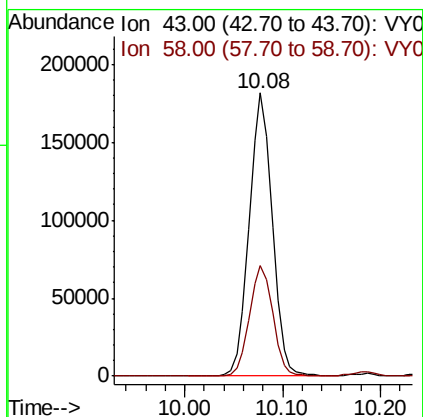
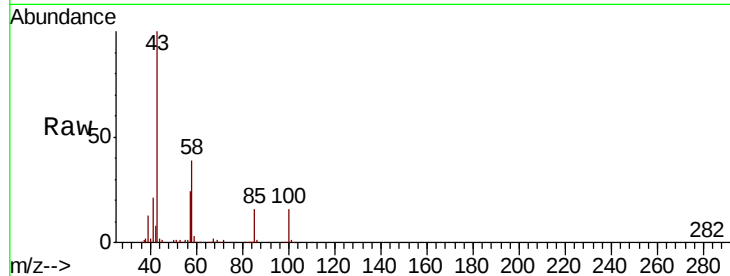




#51
4-Methyl-2-Pentanone
Concen: 113.073 ug/l
RT: 10.08 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VY000345.D
Acq: 18 Oct 2019 12:19

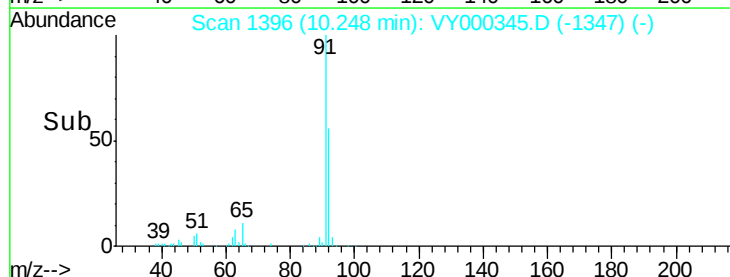
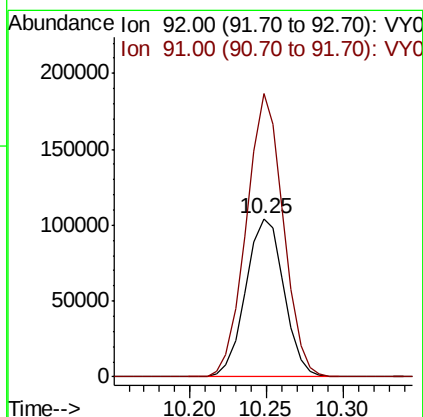
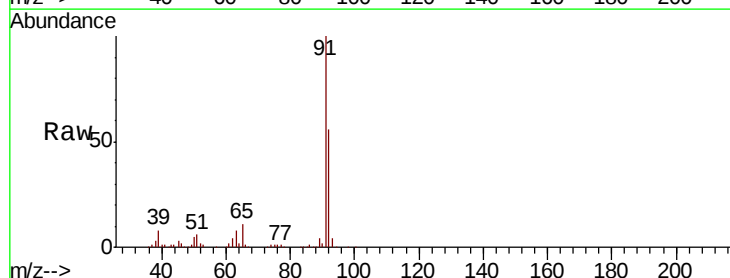
Instrument :
MSVOA_Y
ClientSampleId :
VY1018SBS01

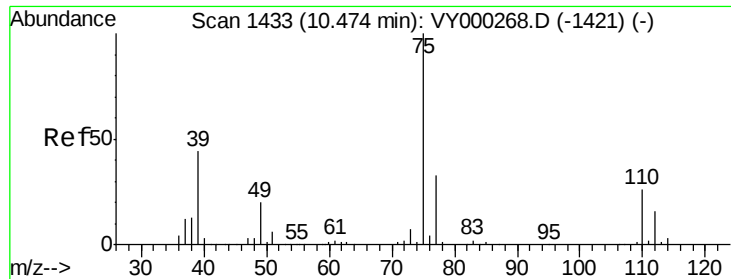
Tot Ion: 43 Resp: 298916
Ion Ratio Lower Upper
43 100
58 39.7 31.0 46.6



#52
Toluene
Concen: 21.633 ug/l
RT: 10.25 min Scan# 1396
Delta R.T. 0.00 min
Lab File: VY000345.D
Acq: 18 Oct 2019 12:19

Tgt Ion: 92 Resp: 180693
Ion Ratio Lower Upper
92 100
91 173.6 136.6 205.0

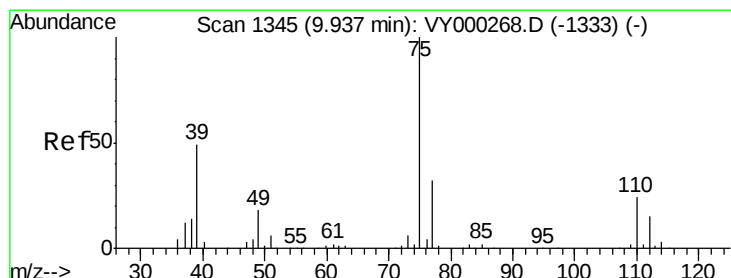
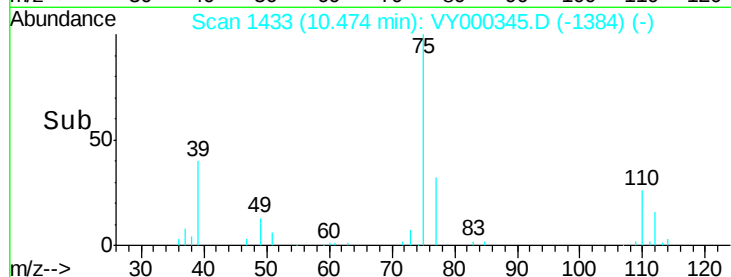
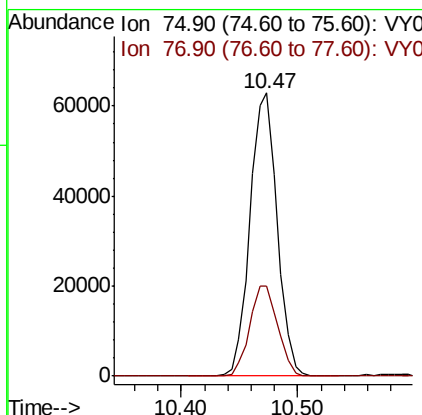
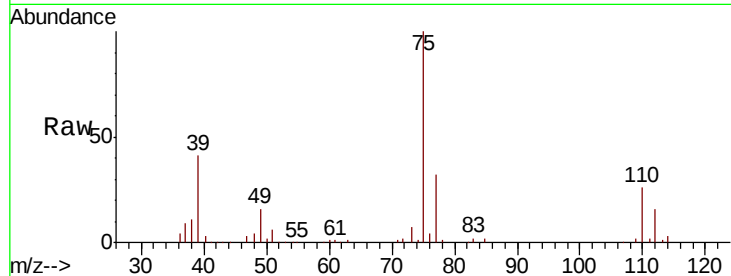




#53
 t-1,3-Dichloropropene
 Concen: 22.412 ug/l
 RT: 10.47 min Scan# 1433
 Delta R.T. 0.00 min
 Lab File: VY000345.D
 Acq: 18 Oct 2019 12:19

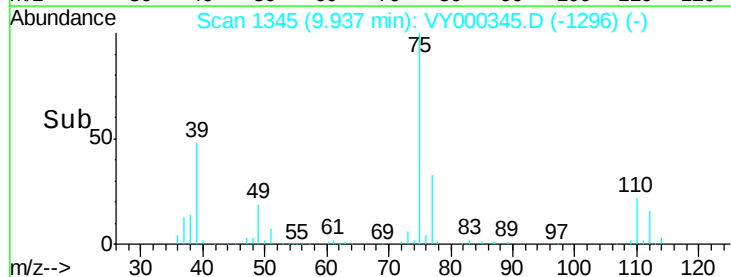
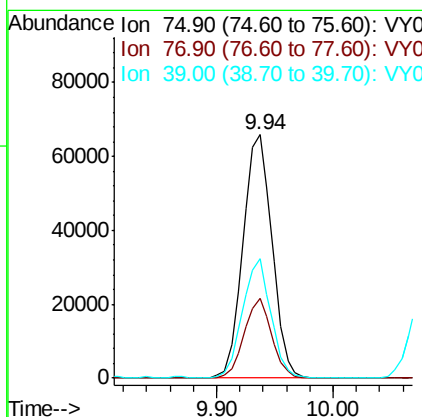
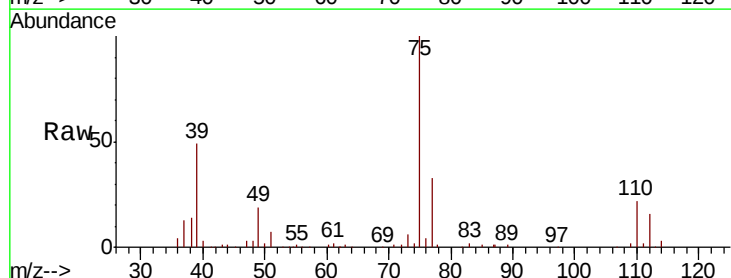
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1018SBS01

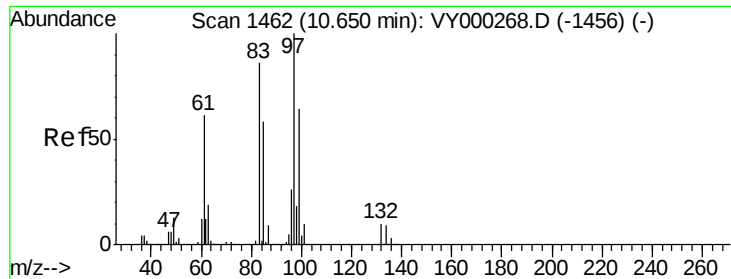
Tot Ion: 75 Resp: 102163
 Ion Ratio Lower Upper
 75 100
 77 32.0 26.0 39.0



#54
 cis-1,3-Dichloropropene
 Concen: 22.155 ug/l
 RT: 9.94 min Scan# 1345
 Delta R.T. 0.00 min
 Lab File: VY000345.D
 Acq: 18 Oct 2019 12:19

Tgt Ion: 75 Resp: 114689
 Ion Ratio Lower Upper
 75 100
 77 32.9 26.0 39.0
 39 48.8 38.8 58.2





#55

1,1,2-Trichloroethane

Concen: 21.990 ug/l

RT: 10.65 min Scan# 1462

Delta R.T. 0.00 min

Lab File: VY000345.D

Acq: 18 Oct 2019 12:19

Instrument :

MSVOA_Y

ClientSampleId :

VY1018SBS01

Tot Ion: 97 Resp: 57706

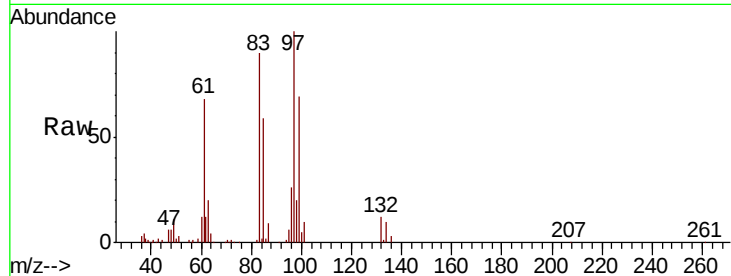
Ion Ratio Lower Upper

97 100

83 89.6 69.0 103.6

85 59.1 46.2 69.4

99 69.0 51.1 76.7

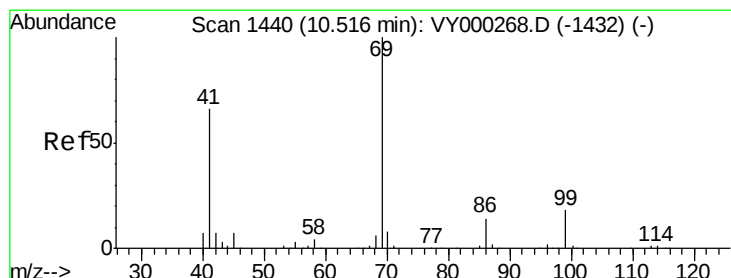
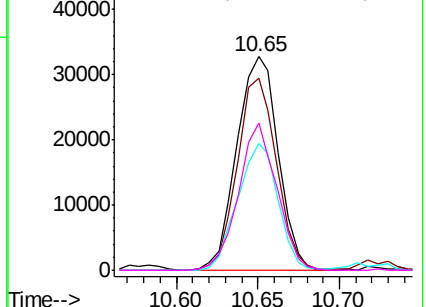
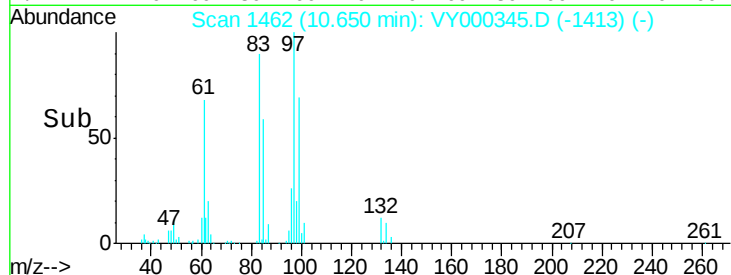


Abundance Ion 96.90 (96.60 to 97.60): VY0

Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0

Ion 98.90 (98.60 to 99.60): VY0



#56

Ethyl methacrylate

Concen: 22.651 ug/l

RT: 10.52 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VY000345.D

Acq: 18 Oct 2019 12:19

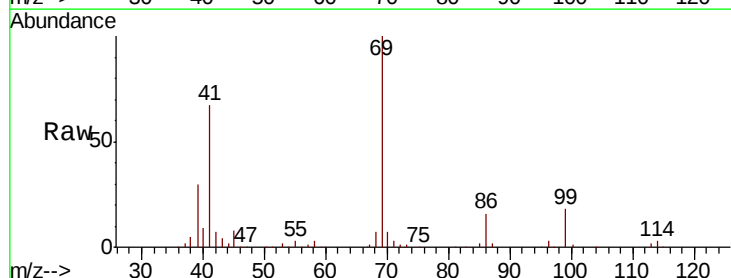
Tgt Ion: 69 Resp: 84721

Ion Ratio Lower Upper

69 100

41 66.0 52.5 78.7

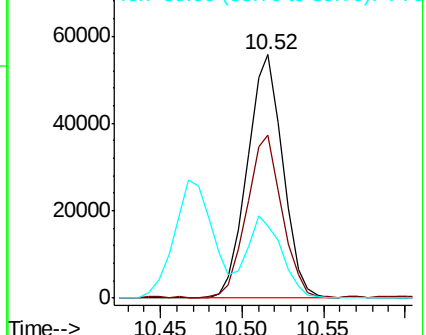
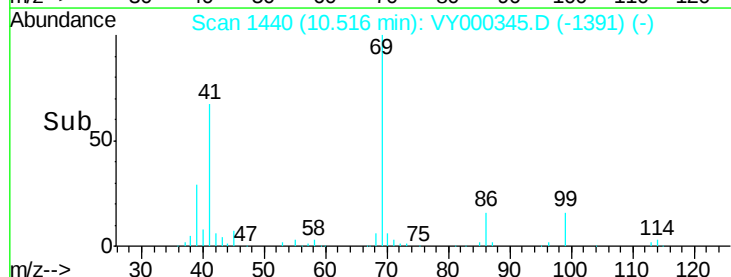
39 33.5 26.7 40.1

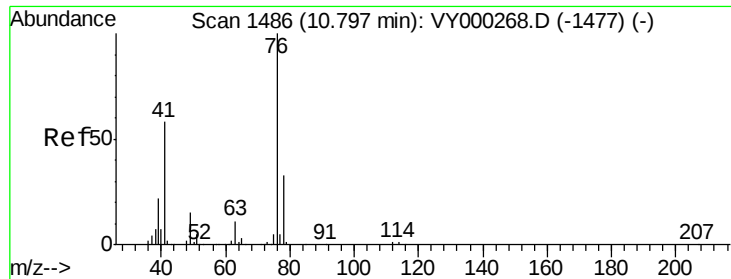


Abundance Ion 69.00 (68.70 to 69.70): VY0

Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

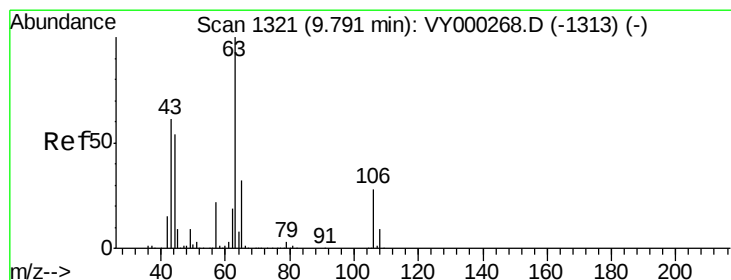
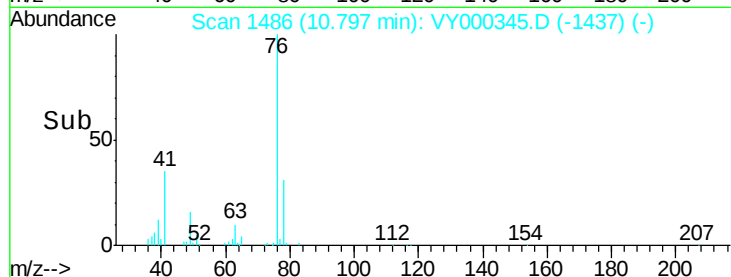
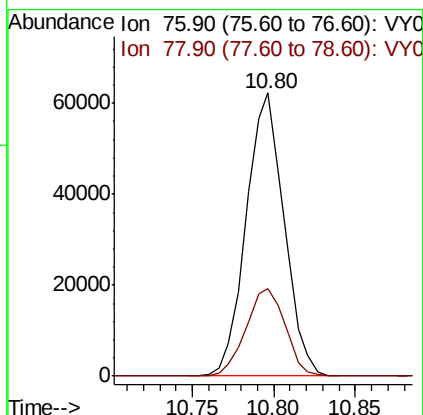
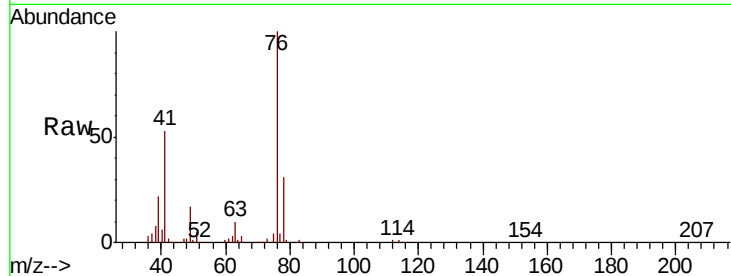




#57
 1,3-Dichloropropane
 Concen: 22.395 ug/l
 RT: 10.80 min Scan# 1486
 Delta R.T. 0.00 min
 Lab File: VY000345.D
 Acq: 18 Oct 2019 12:19

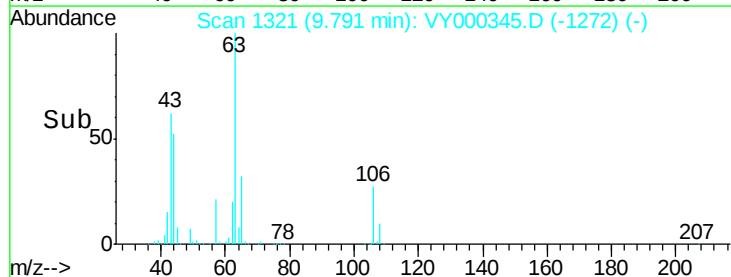
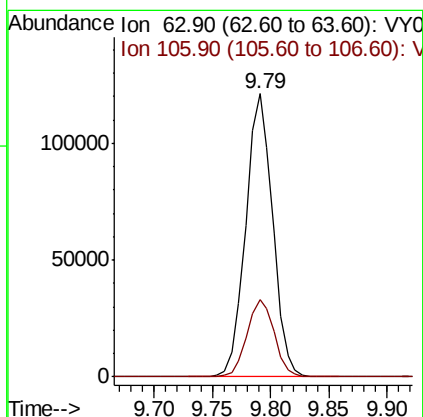
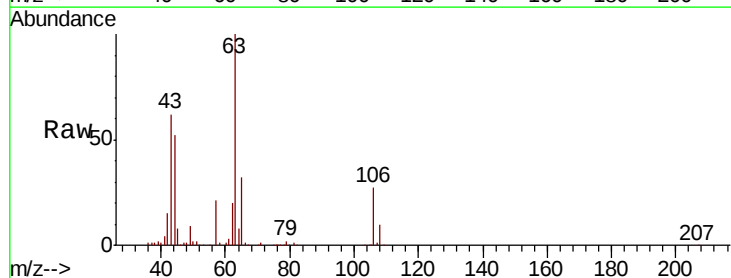
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1018SBS01

Tot Ion: 76 Resp: 100926
 Ion Ratio Lower Upper
 76 100
 78 32.0 26.2 39.2



#58
 2-Chloroethyl Vinyl ether
 Concen: 131.541 ug/l
 RT: 9.79 min Scan# 1321
 Delta R.T. 0.00 min
 Lab File: VY000345.D
 Acq: 18 Oct 2019 12:19

Tgt Ion: 63 Resp: 196247
 Ion Ratio Lower Upper
 63 100
 106 27.6 23.0 34.4

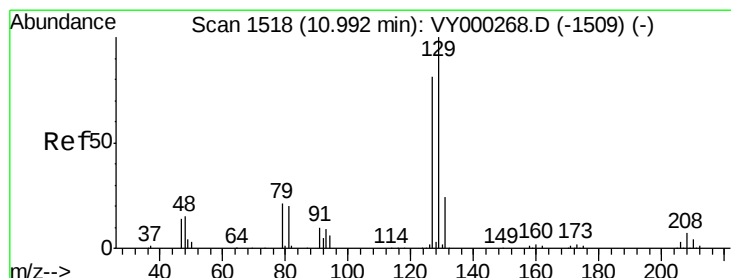
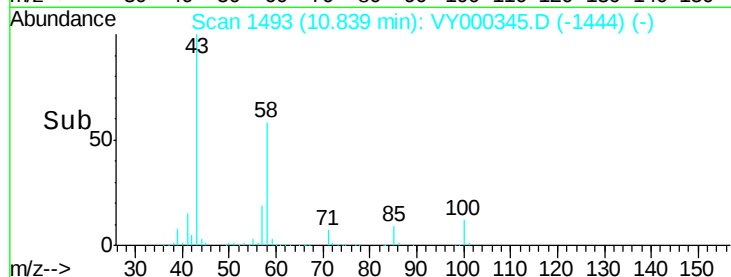
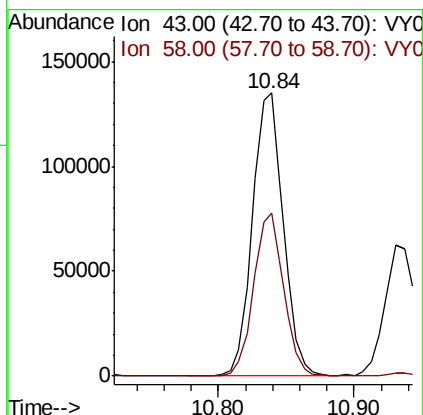
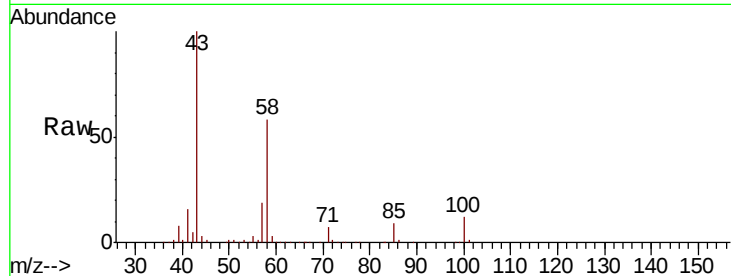




#59
2-Hexanone
Concen: 115.997 ug/l
RT: 10.84 min Scan# 1493
Delta R.T. 0.00 min
Lab File: VY000345.D
Acq: 18 Oct 2019 12:19

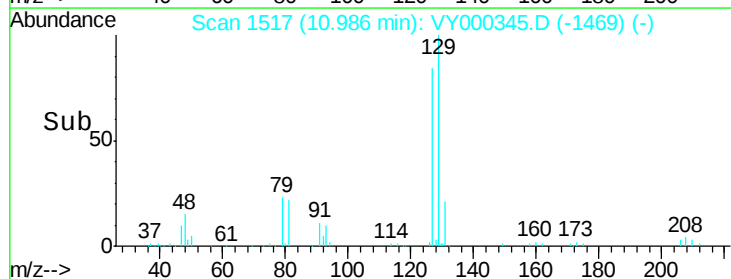
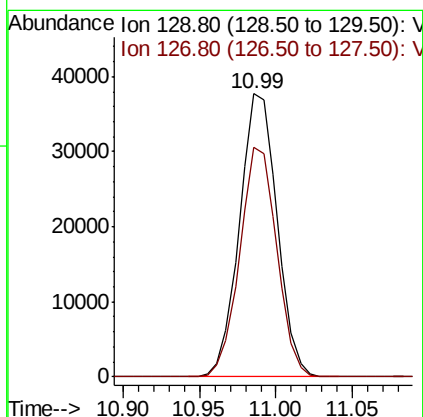
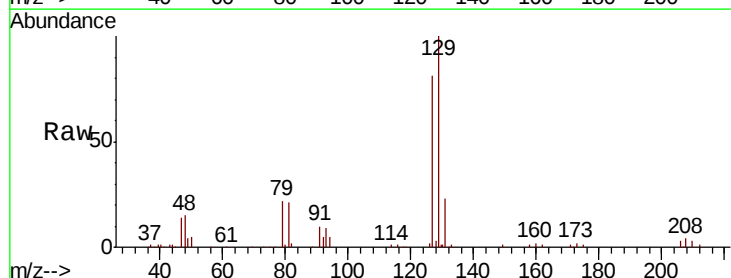
Instrument :
MSVOA_Y
ClientSampleId :
VY1018SBS01

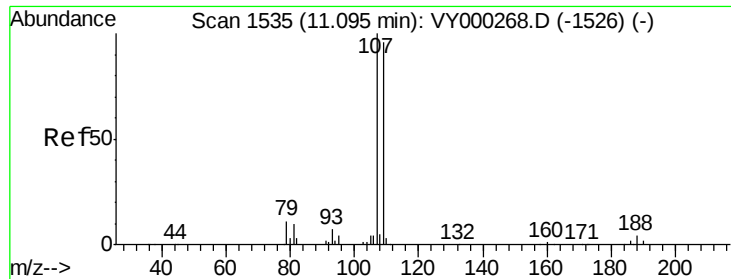
Tot Ion: 43 Resp: 215239
Ion Ratio Lower Upper
43 100
58 56.1 27.7 83.1



#60
Dibromochloromethane
Concen: 22.134 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.01 min
Lab File: VY000345.D
Acq: 18 Oct 2019 12:19

Tgt Ion: 129 Resp: 64378
Ion Ratio Lower Upper
129 100
127 79.8 39.9 119.7

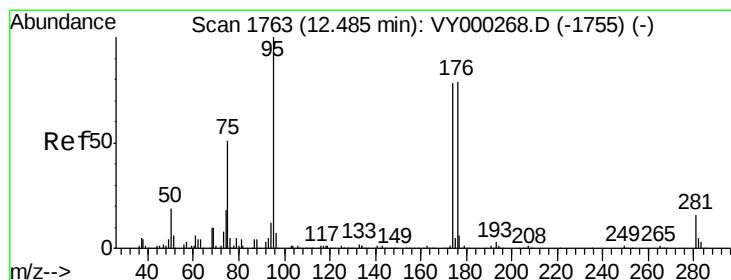
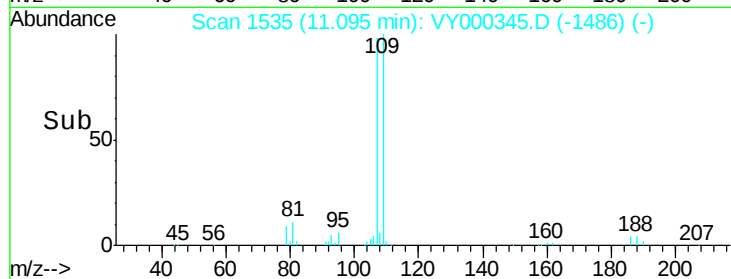
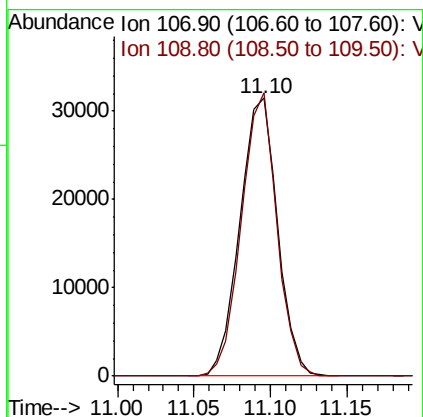
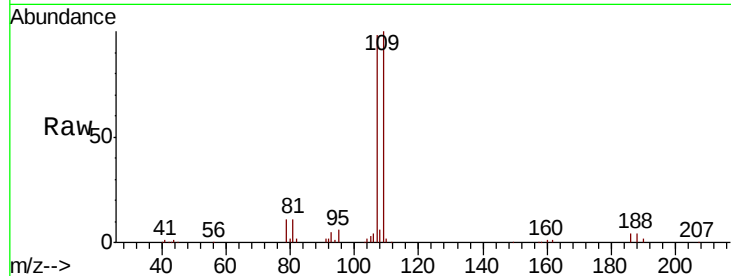




#61
 1,2-Dibromoethane
 Concen: 21.356 ug/l
 RT: 11.10 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: VY000345.D
 Acq: 18 Oct 2019 12:19

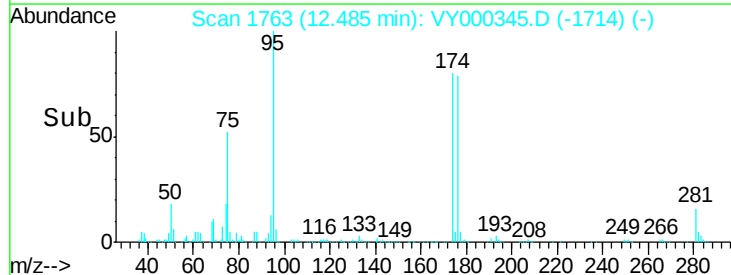
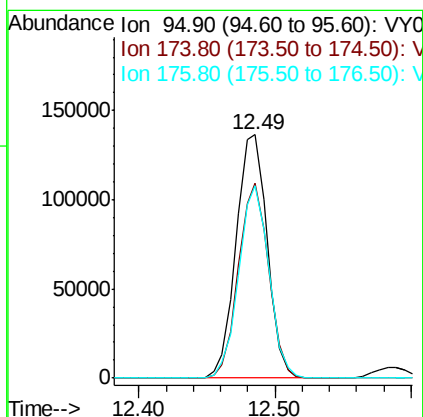
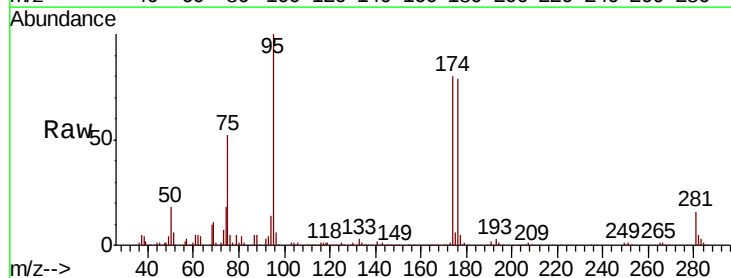
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1018SBS01

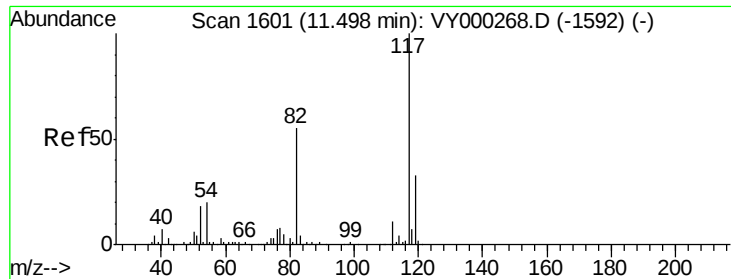
Tot Ion: 107 Resp: 53808
 Ion Ratio Lower Upper
 107 100
 109 95.8 75.1 112.7



#62
 4-Bromofluorobenzene
 Concen: 53.055 ug/l
 RT: 12.49 min Scan# 1763
 Delta R.T. 0.00 min
 Lab File: VY000345.D
 Acq: 18 Oct 2019 12:19

Tgt Ion: 95 Resp: 217473
 Ion Ratio Lower Upper
 95 100
 174 77.8 0.0 159.6
 176 76.6 0.0 153.8

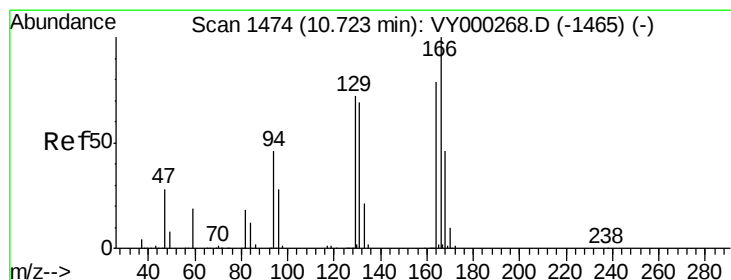
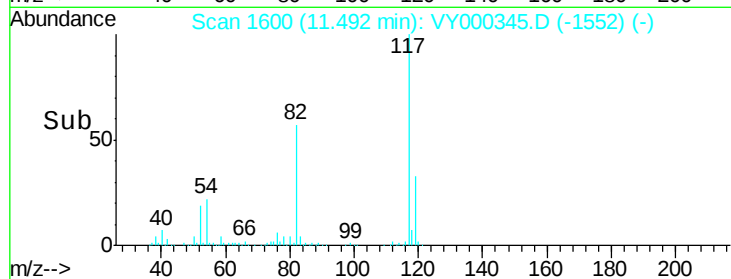
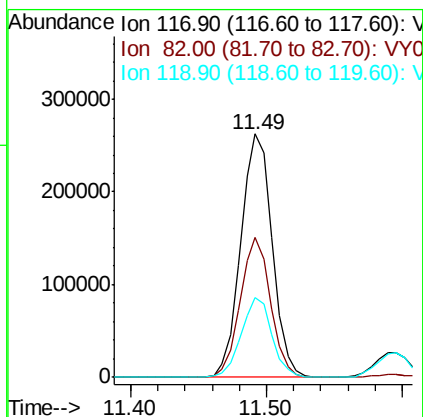
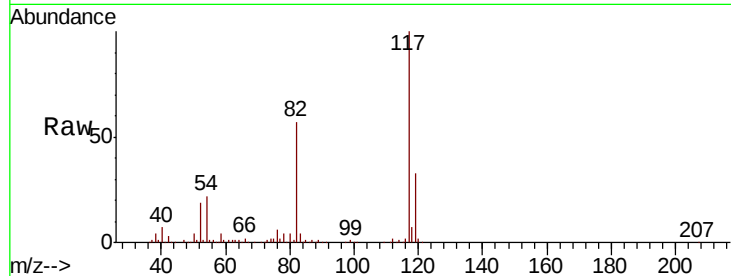




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY000345.D
Acq: 18 Oct 2019 12:19

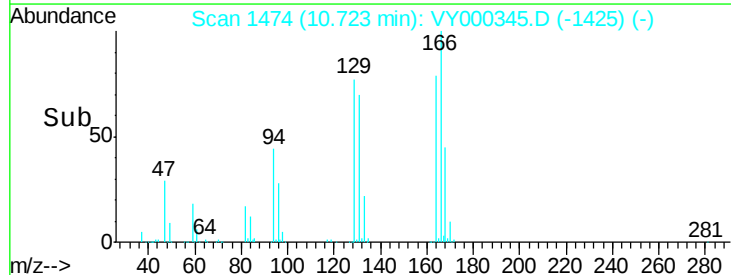
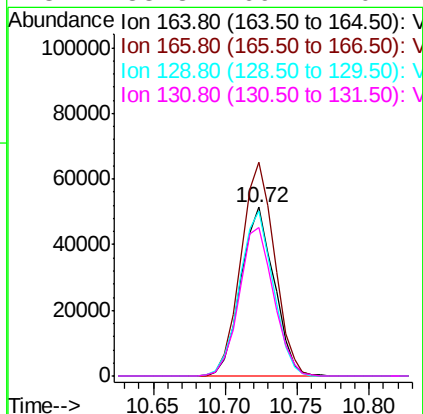
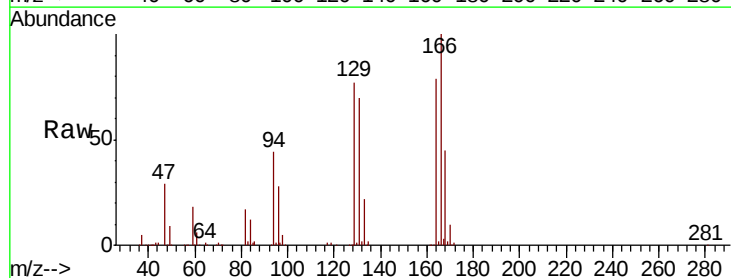
Instrument :
MSVOA_Y
ClientSampleId :
VY1018SBS01

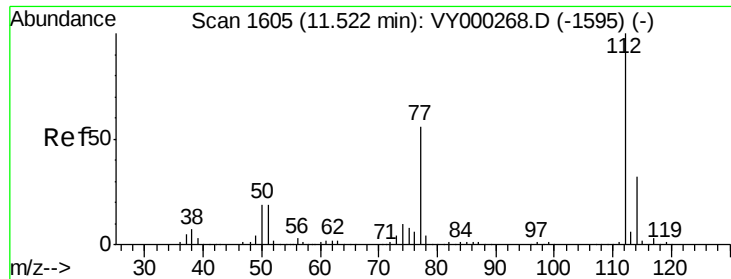
Tot Ion:117 Resp: 422172
Ion Ratio Lower Upper
117 100
82 57.2 43.7 65.5
119 32.7 26.6 39.8



#64
Tetrachloroethene
Concen: 20.562 ug/l
RT: 10.72 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VY000345.D
Acq: 18 Oct 2019 12:19

Tgt Ion:164 Resp: 82640
Ion Ratio Lower Upper
164 100
166 126.6 100.6 151.0
129 97.9 72.8 109.2
131 88.3 69.4 104.2





#65

Chlorobenzene

Concen: 21.434 ug/l

RT: 11.52 min Scan# 1604

Delta R.T. -0.01 min

Lab File: VY000345.D

Acq: 18 Oct 2019 12:19

Instrument :

MSVOA_Y

ClientSampleId :

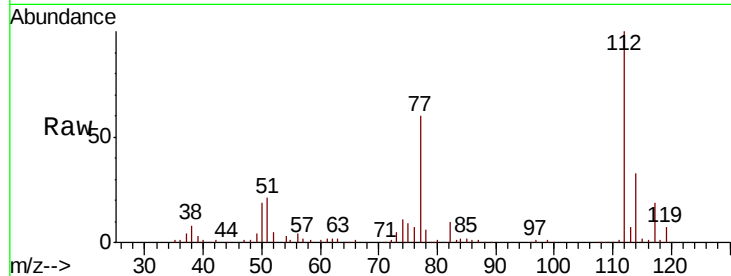
VY1018SBS01

Tot Ion:112 Resp: 190972

Ion Ratio Lower Upper

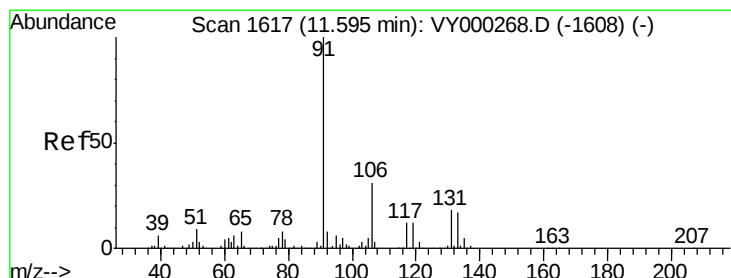
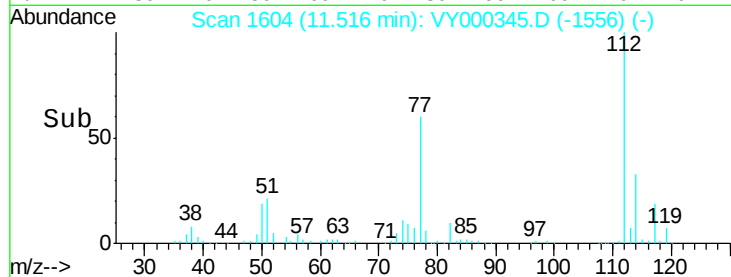
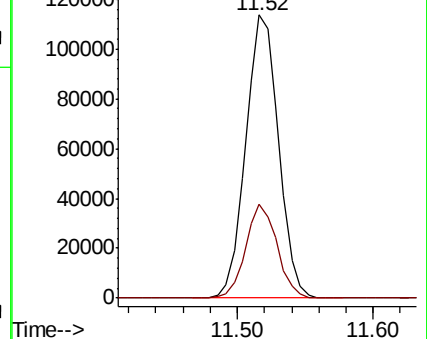
112 100

114 33.2 25.7 38.5



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 21.534 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. -0.01 min

Lab File: VY000345.D

Acq: 18 Oct 2019 12:19

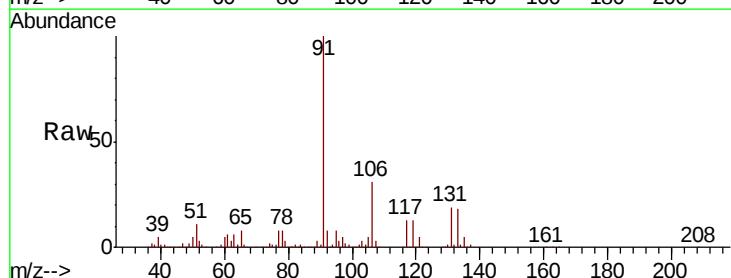
Tgt Ion:131 Resp: 67396

Ion Ratio Lower Upper

131 100

133 95.1 47.2 141.6

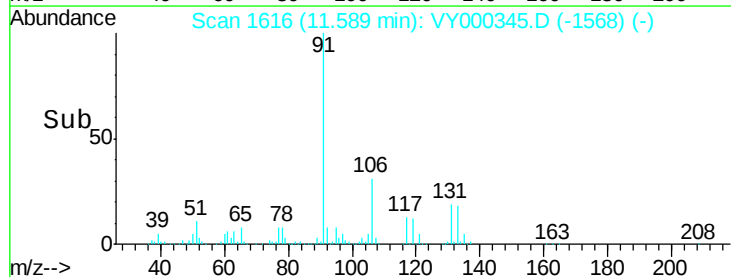
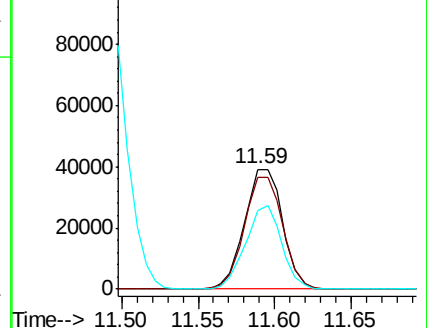
119 66.3 32.6 98.0

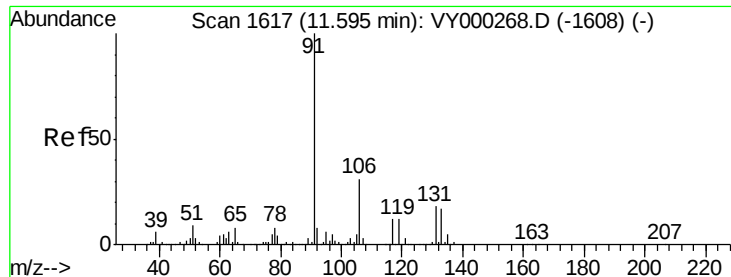


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

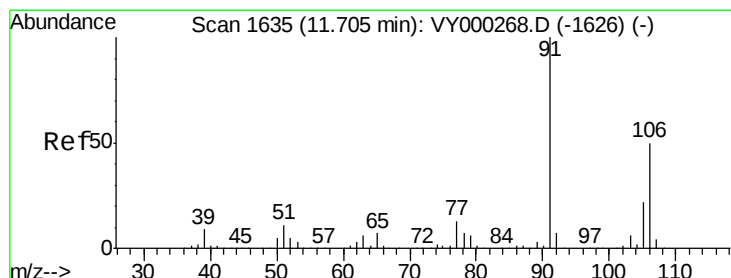
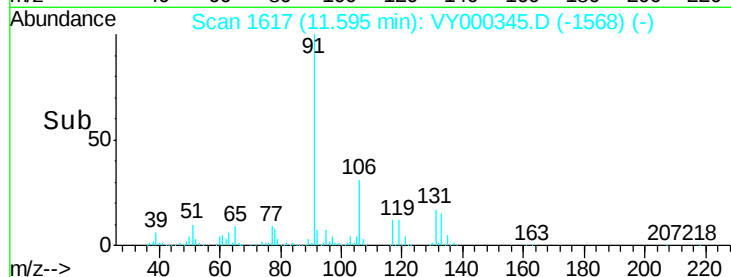
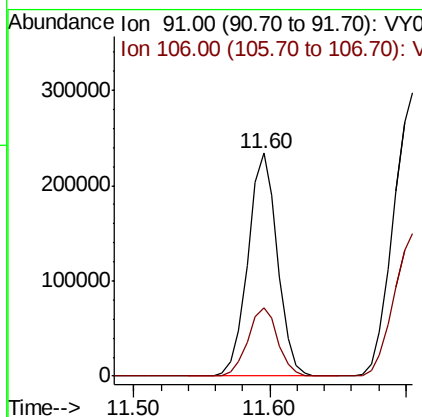
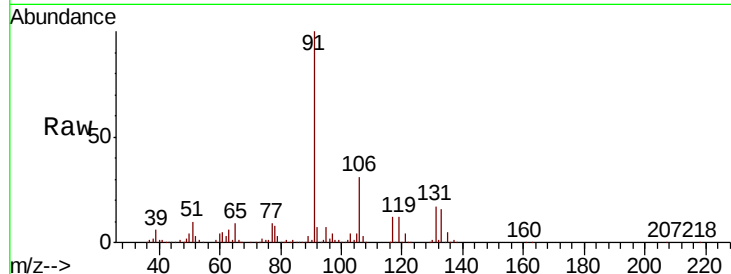




#67
Ethyl Benzene
Concen: 21.435 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. 0.00 min
Lab File: VY000345.D
Acq: 18 Oct 2019 12:19

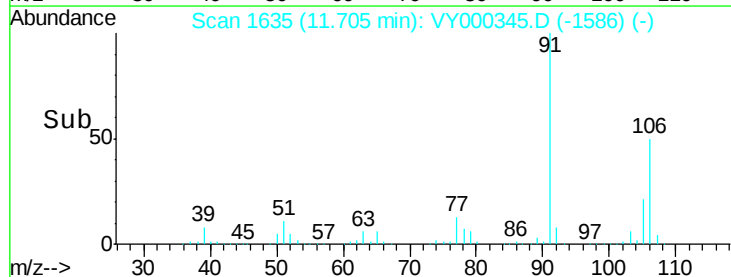
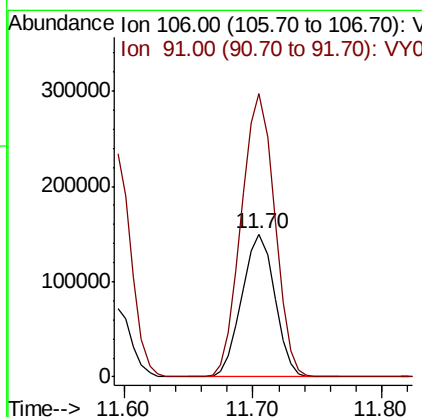
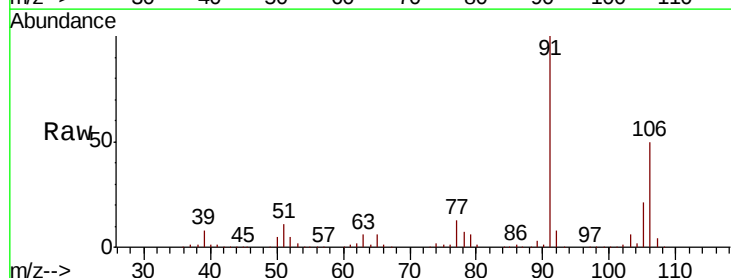
Instrument :
MSVOA_Y
ClientSampleId :
VY1018SBS01

Tot Ion: 91 Resp: 354029
Ion Ratio Lower Upper
91 100
106 30.7 25.0 37.6



#68
m/p-Xylenes
Concen: 42.221 ug/l
RT: 11.70 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VY000345.D
Acq: 18 Oct 2019 12:19

Tgt Ion: 106 Resp: 266583
Ion Ratio Lower Upper
106 100
91 200.6 157.5 236.3

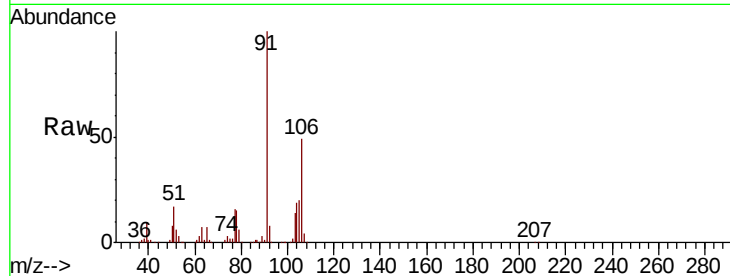




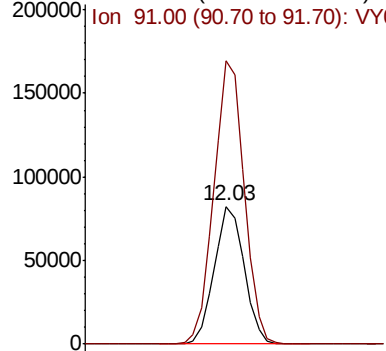
#69
o-Xylene
Concen: 21.161 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.01 min
Lab File: VY000345.D
Acq: 18 Oct 2019 12:19

Instrument :
MSVOA_Y
ClientSampleId :
VY1018SBS01

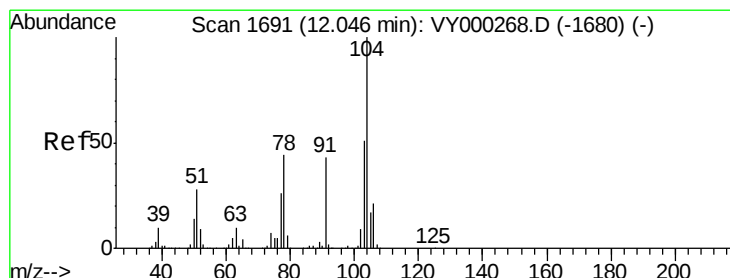
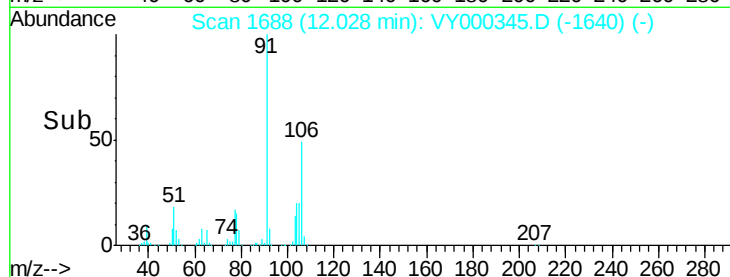
Tot Ion:106 Resp: 127461
Ion Ratio Lower Upper
106 100
91 207.5 104.7 313.9



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

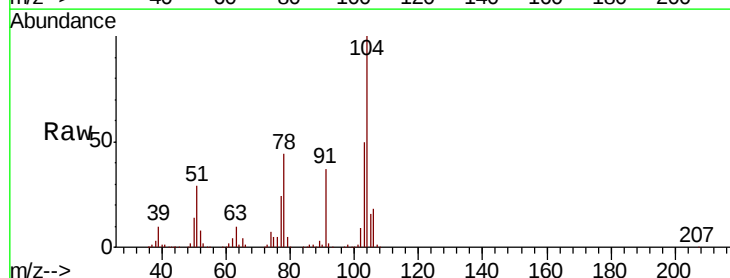


Time-->

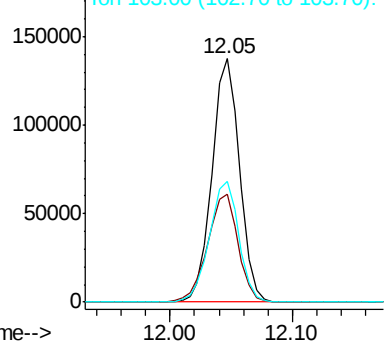


#70
Styrene
Concen: 21.037 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. 0.00 min
Lab File: VY000345.D
Acq: 18 Oct 2019 12:19

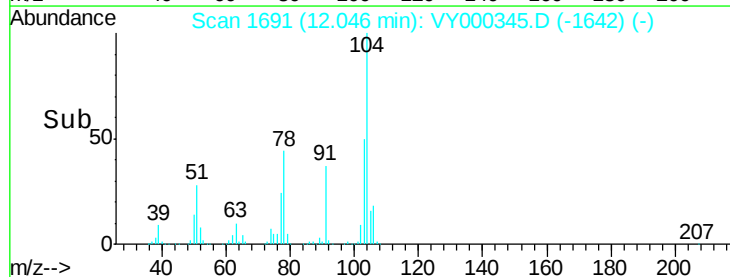
Tgt Ion:104 Resp: 213699
Ion Ratio Lower Upper
104 100
78 49.2 39.0 58.6
103 53.3 43.1 64.7

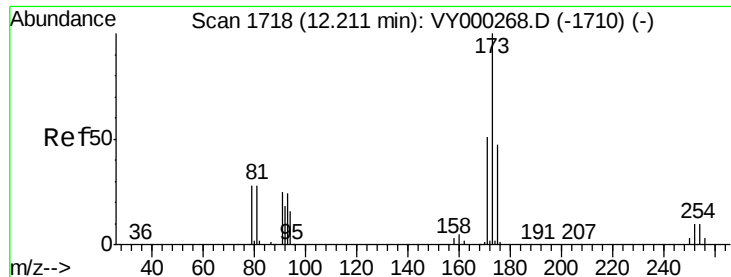


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VY0
Ion 103.00 (102.70 to 103.70): V



Time-->





#71

Bromoform

Concen: 21.055 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. 0.00 min

Lab File: VY000345.D

Acq: 18 Oct 2019 12:19

Instrument :

MSVOA_Y

ClientSampleId :

VY1018SBS01

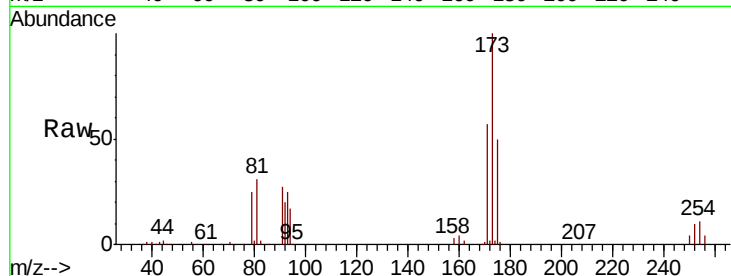
Tot Ion:173 Resp: 37883

Ion Ratio Lower Upper

173 100

175 50.0 24.6 73.6

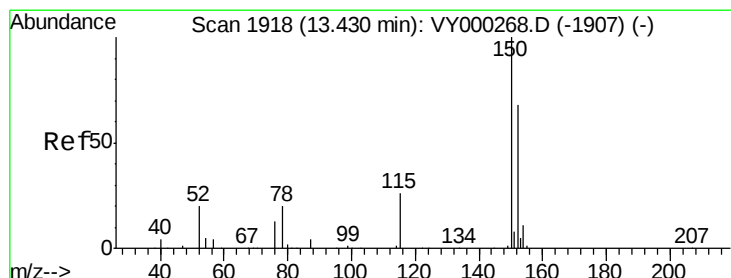
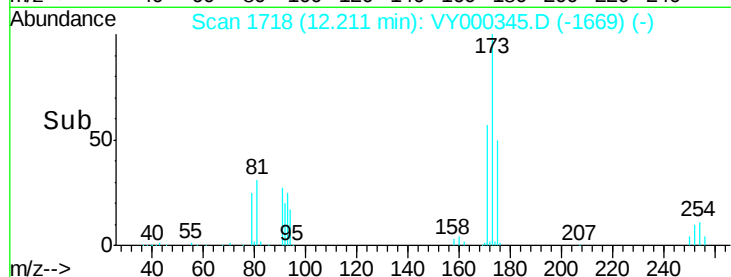
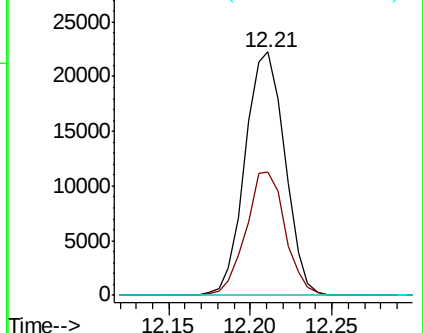
254 0.0 0.1 0.1#



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: VY000345.D

Acq: 18 Oct 2019 12:19

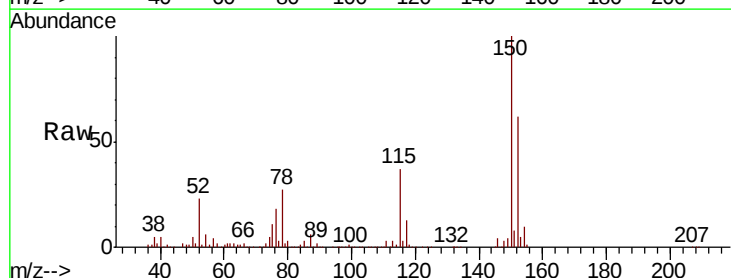
Tgt Ion:152 Resp: 206098

Ion Ratio Lower Upper

152 100

115 59.4 29.3 88.0

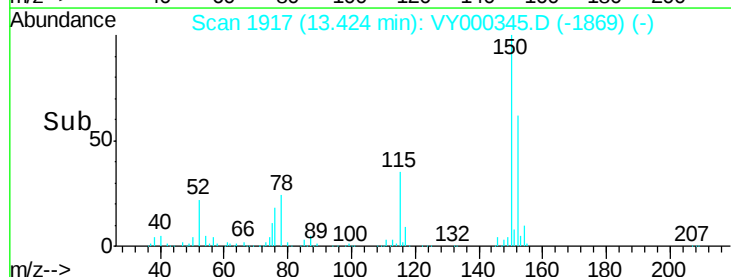
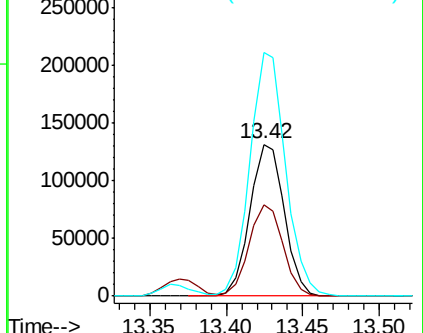
150 166.4 0.0 348.4

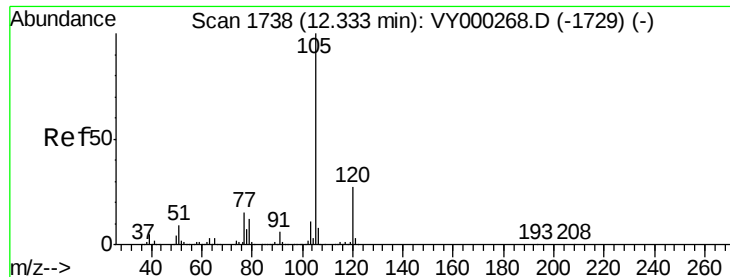


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 21.252 ug/l

RT: 12.33 min Scan# 1738

Delta R.T. 0.00 min

Lab File: VY000345.D

Acq: 18 Oct 2019 12:19

Instrument :

MSVOA_Y

ClientSampleId :

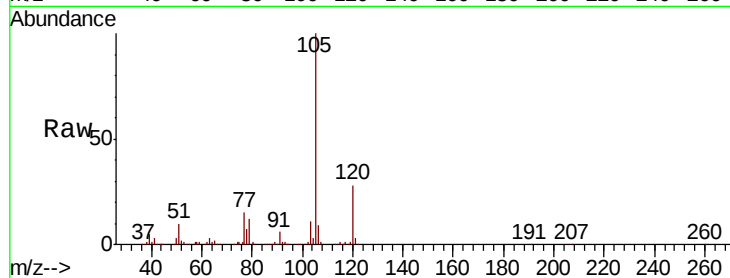
VY1018SBS01

Tot Ion:105 Resp: 341526

Ion Ratio Lower Upper

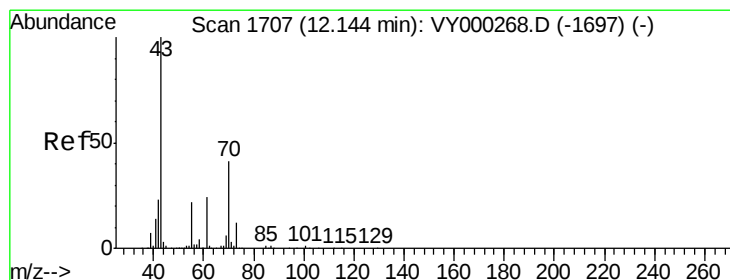
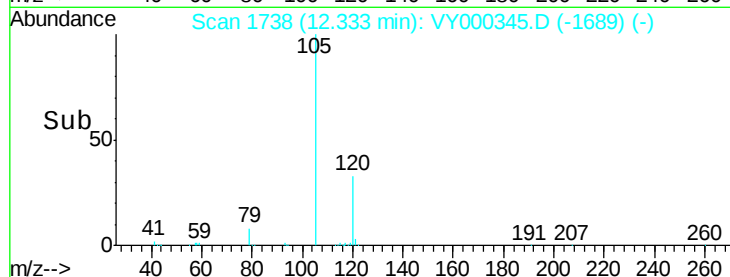
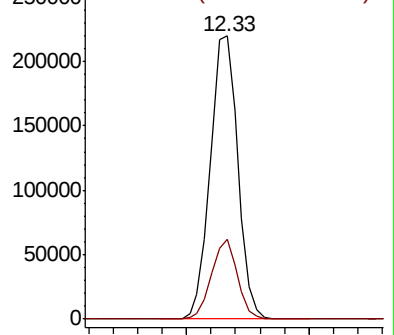
105 100

120 26.4 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: 24.743 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VY000345.D

Acq: 18 Oct 2019 12:19

Tgt Ion: 43 Resp: 97616

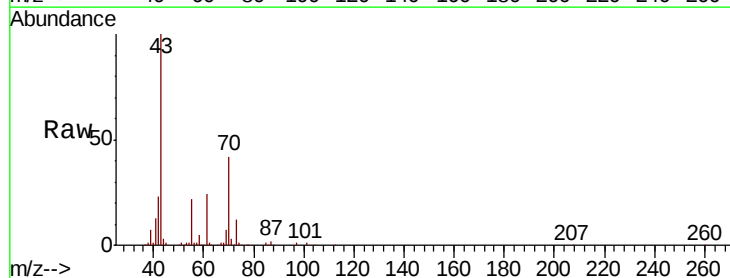
Ion Ratio Lower Upper

43 100

70 42.9 32.9 49.3

55 22.2 17.8 26.6

61 24.5 19.5 29.3

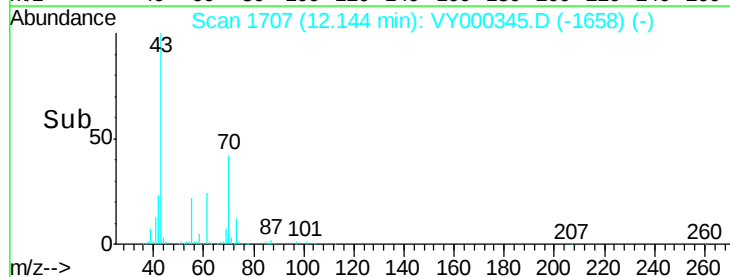
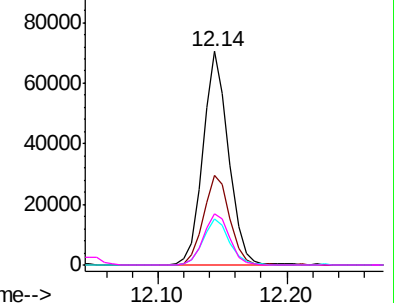


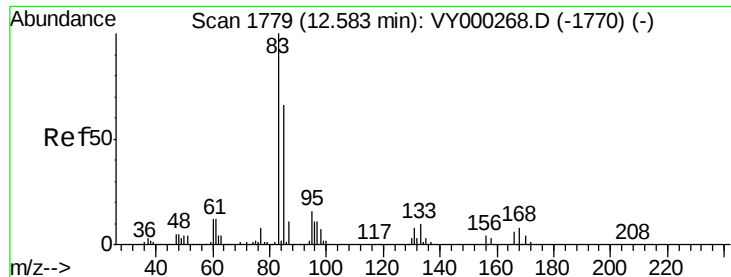
Abundance Ion 43.00 (42.70 to 43.70): VY0

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: 22.141 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY000345.D

Acq: 18 Oct 2019 12:19

Instrument :

MSVOA_Y

ClientSampleId :

VY1018SBS01

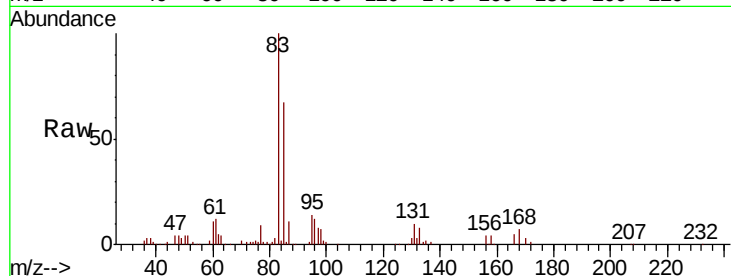
Tot Ion: 83 Resp: 66804

Ion Ratio Lower Upper

83 100

131 10.7 5.3 16.1

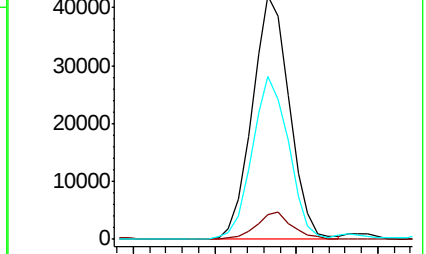
85 65.7 32.9 98.7



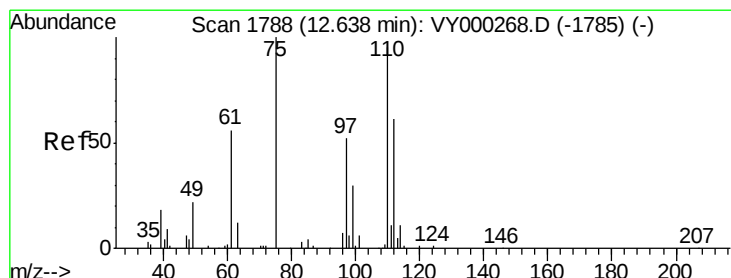
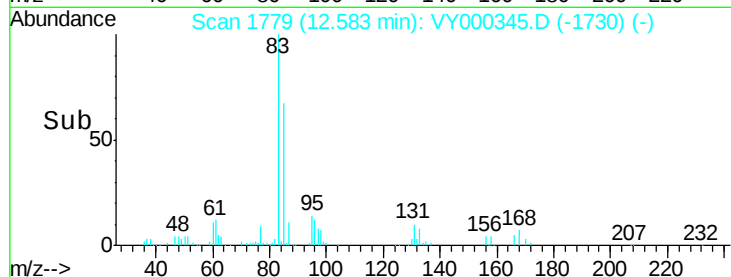
Abundance Ion 82.90 (82.60 to 83.60): VY000345.D (-1730) (-)

Ion 130.80 (130.50 to 131.50): VY000345.D (-1730) (-)

Ion 84.90 (84.60 to 85.60): VY000345.D (-1730) (-)



Time-->



#76

1,2,3-Trichloropropane

Concen: 22.299 ug/l m

RT: 12.64 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VY000345.D

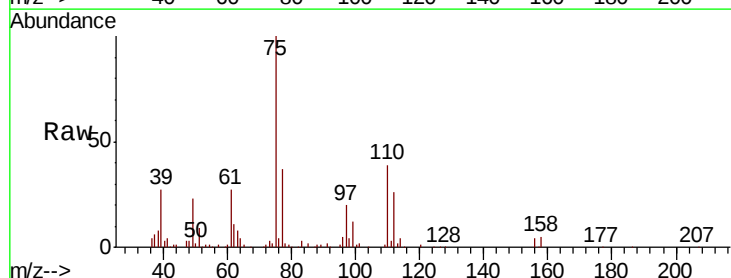
Acq: 18 Oct 2019 12:19

Tgt Ion: 75 Resp: 56512

Ion Ratio Lower Upper

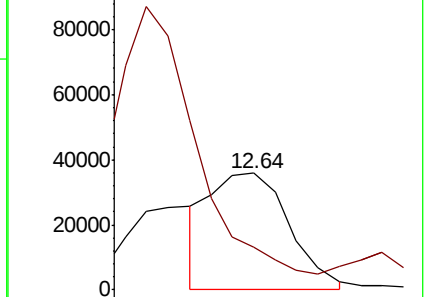
75 100

77 0.0 0.0 0.0

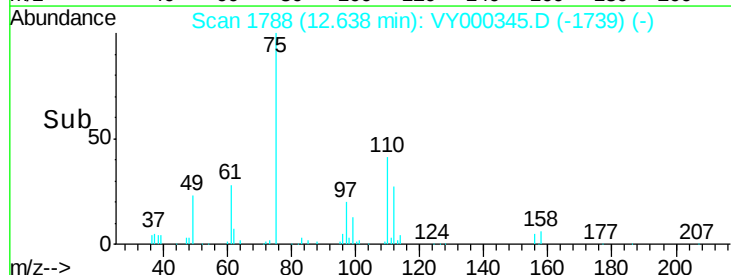


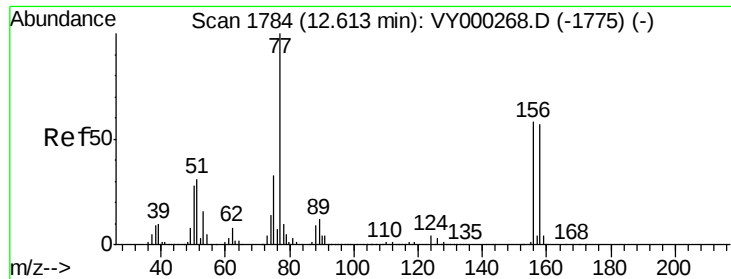
Abundance Ion 74.90 (74.60 to 75.60): VY000345.D (-1739) (-)

Ion 77.00 (76.70 to 77.70): VY000345.D (-1739) (-)



Time-->

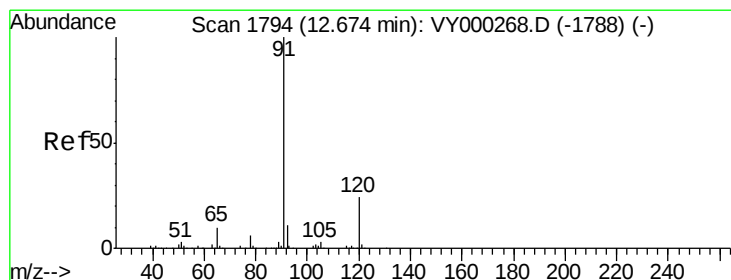
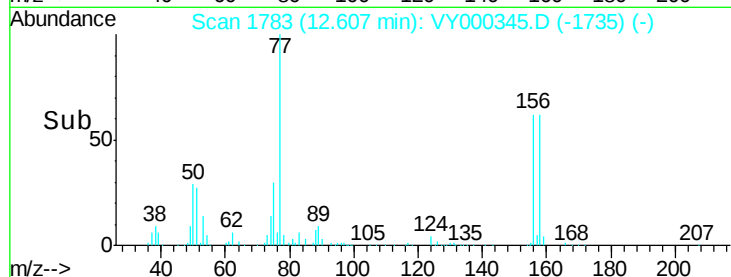
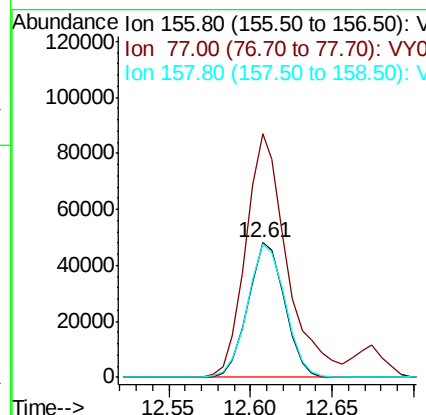
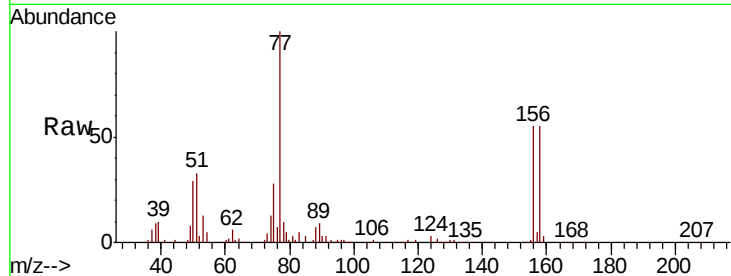




#77
Bromobenzene
Concen: 21.054 ug/l
RT: 12.61 min Scan# 1783
Delta R.T. -0.01 min
Lab File: VY000345.D
Acq: 18 Oct 2019 12:19

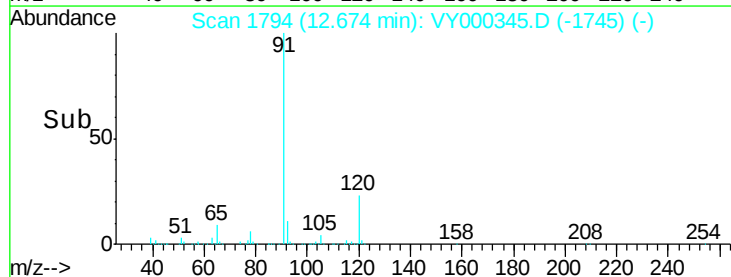
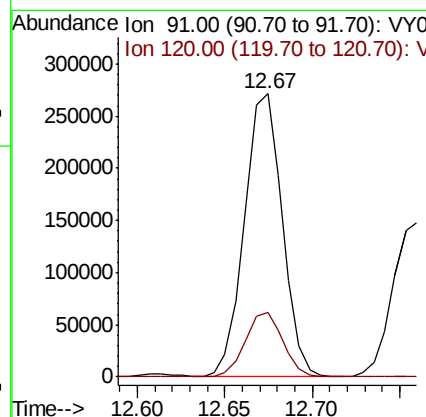
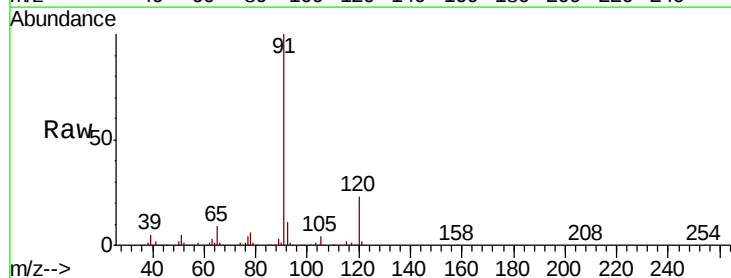
Instrument :
MSVOA_Y
ClientSampleId :
VY1018SBSD01

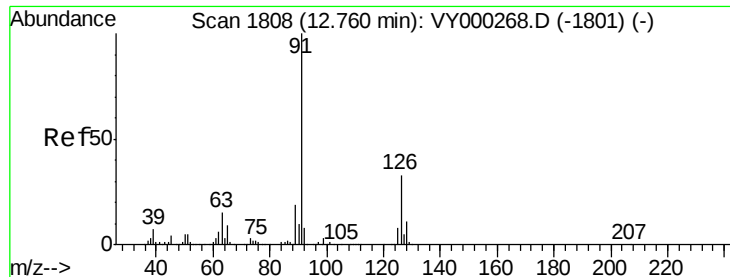
Tot Ion:156 Resp: 75287
Ion Ratio Lower Upper
156 100
77 204.5 101.0 302.9
158 101.7 49.7 149.1



#78
n-propylbenzene
Concen: 21.255 ug/l
RT: 12.67 min Scan# 1794
Delta R.T. 0.00 min
Lab File: VY000345.D
Acq: 18 Oct 2019 12:19

Tgt Ion: 91 Resp: 410101
Ion Ratio Lower Upper
91 100
120 22.7 11.5 34.5





#79

2-Chlorotoluene

Concen: 21.674 ug/l

RT: 12.76 min Scan# 1808

Delta R.T. 0.00 min

Lab File: VY000345.D

Acq: 18 Oct 2019 12:19

Instrument :

MSVOA_Y

ClientSampleId :

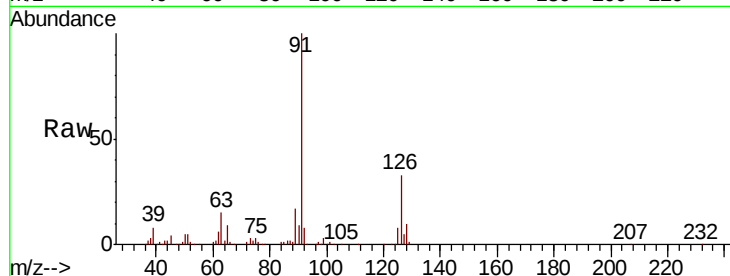
VY1018SBS01

Tot Ion: 91 Resp: 230950

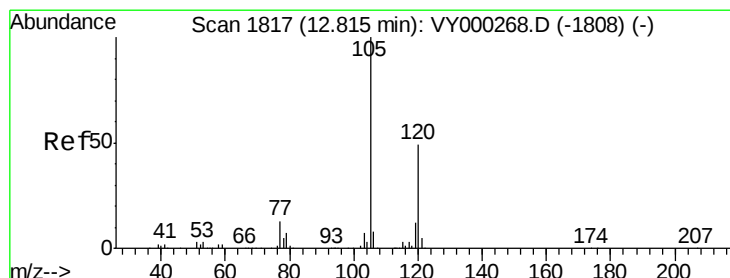
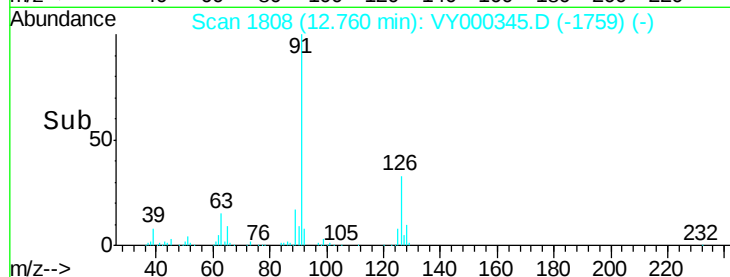
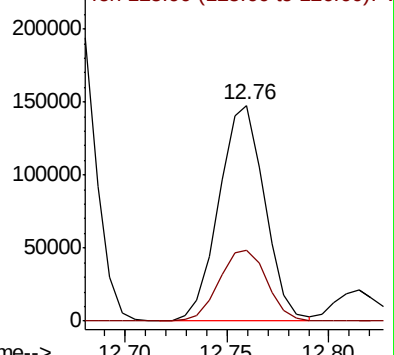
Ion Ratio Lower Upper

91 100

126 34.1 17.1 51.3



Abundance Ion 91.00 (90.70 to 91.70): VY000345.D (-1759) (-)



#80

1,3,5-Trimethylbenzene

Concen: 21.374 ug/l

RT: 12.81 min Scan# 1817

Delta R.T. 0.00 min

Lab File: VY000345.D

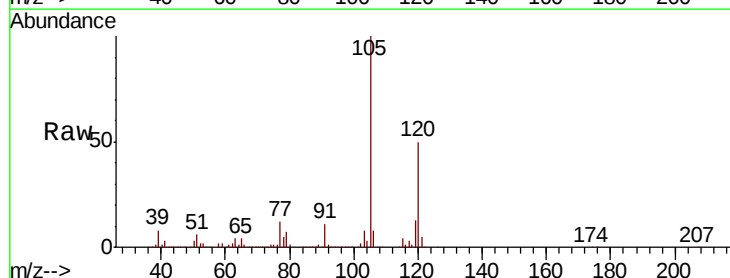
Acq: 18 Oct 2019 12:19

Tgt Ion: 105 Resp: 288020

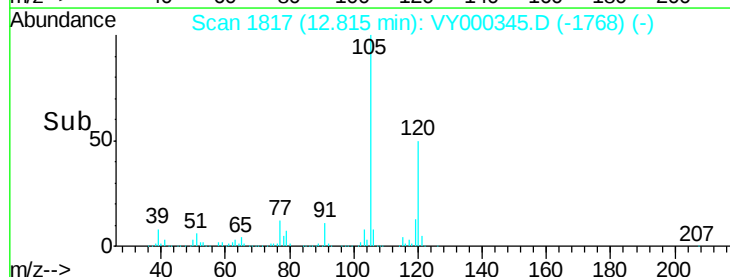
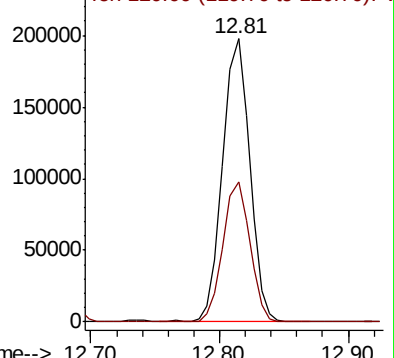
Ion Ratio Lower Upper

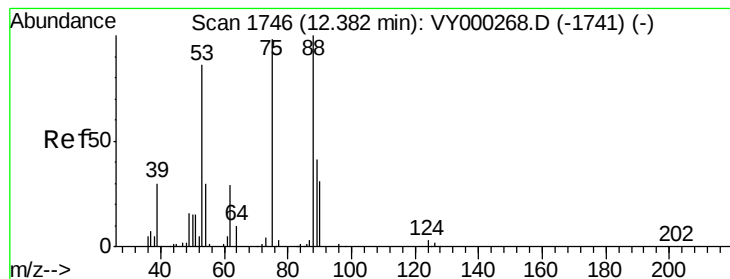
105 100

120 49.2 24.9 74.8



Abundance Ion 105.00 (104.70 to 105.70): VY000345.D (-1768) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 21.356 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. 0.00 min

Lab File: VY000345.D

Acq: 18 Oct 2019 12:19

Instrument :

MSVOA_Y

ClientSampleId :

VY1018SBS01

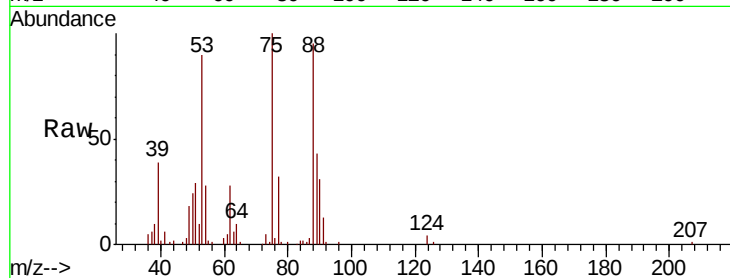
Tot Ion: 75 Resp: 24736

Ion Ratio Lower Upper

75 100

53 88.2 71.3 106.9

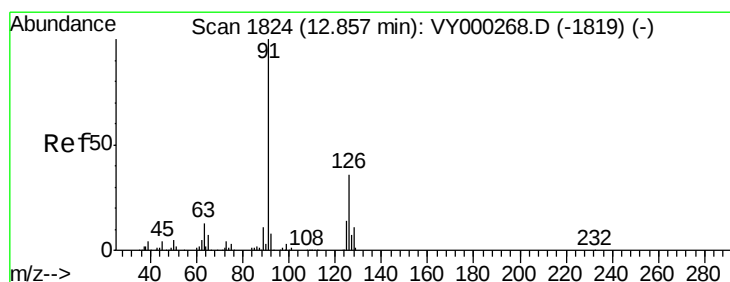
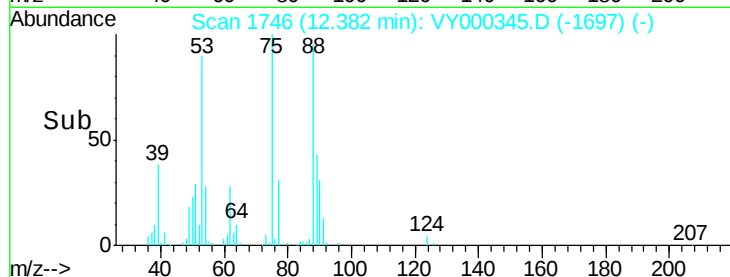
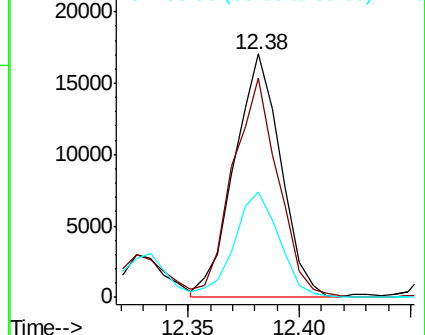
89 42.3 35.1 52.7



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 53.00 (52.70 to 53.70): VY0

Ion 88.90 (88.60 to 89.60): VY0



#82

4-Chlorotoluene

Concen: 21.515 ug/l

RT: 12.86 min Scan# 1824

Delta R.T. 0.00 min

Lab File: VY000345.D

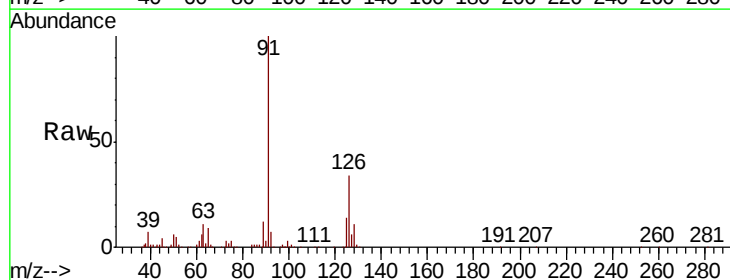
Acq: 18 Oct 2019 12:19

Tgt Ion: 91 Resp: 242332

Ion Ratio Lower Upper

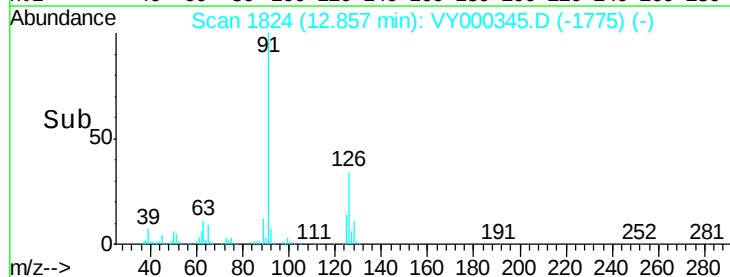
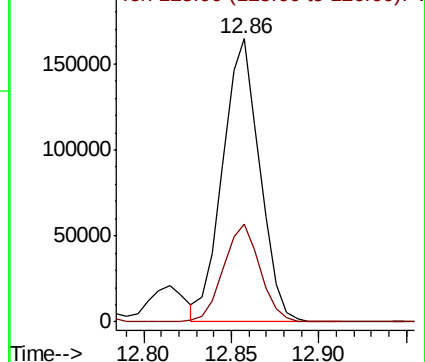
91 100

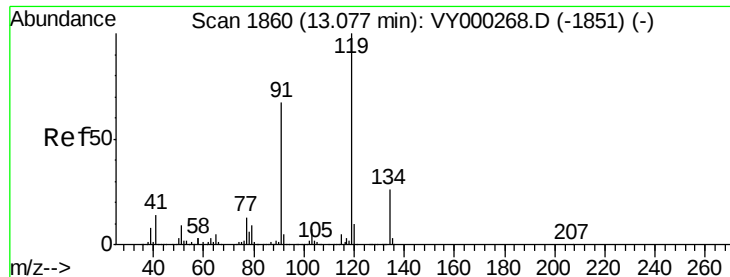
126 33.9 17.2 51.5



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V

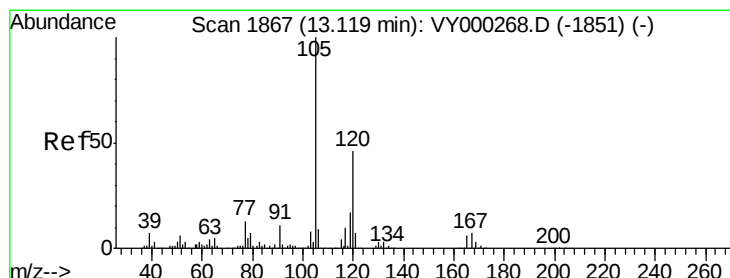
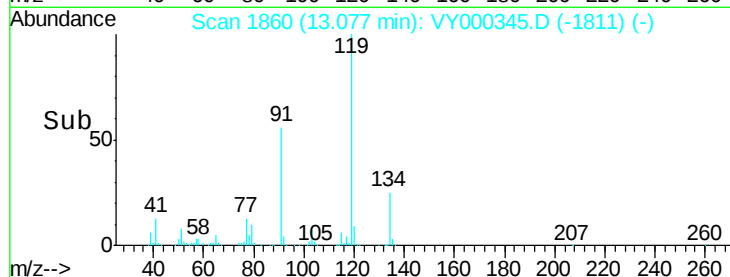
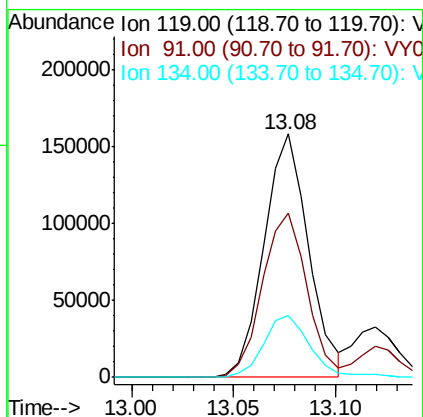
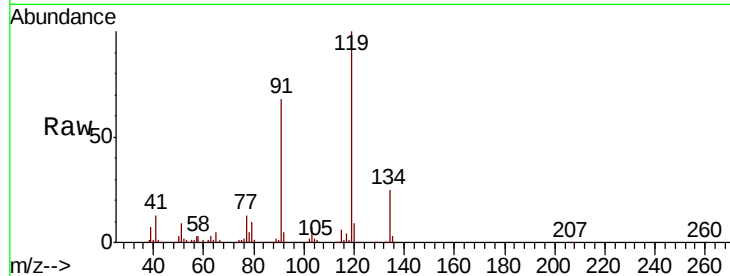




#83
tert-Butylbenzene
Concen: 21.076 ug/l
RT: 13.08 min Scan# 1860
Delta R.T. 0.00 min
Lab File: VY000345.D
Acq: 18 Oct 2019 12:19

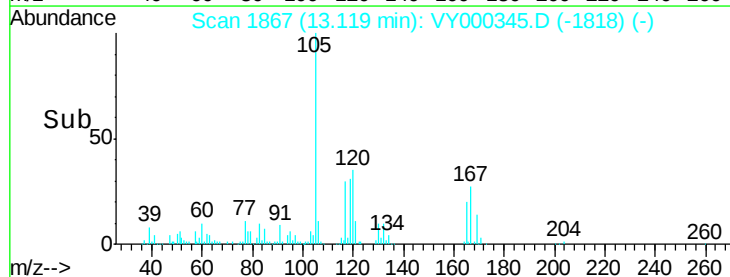
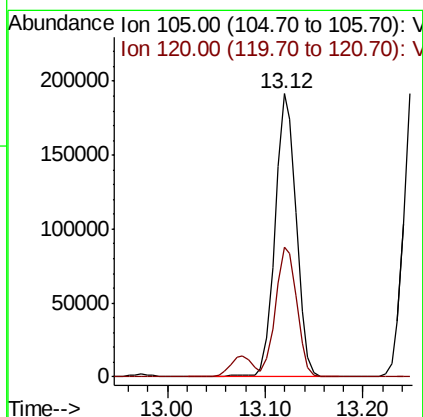
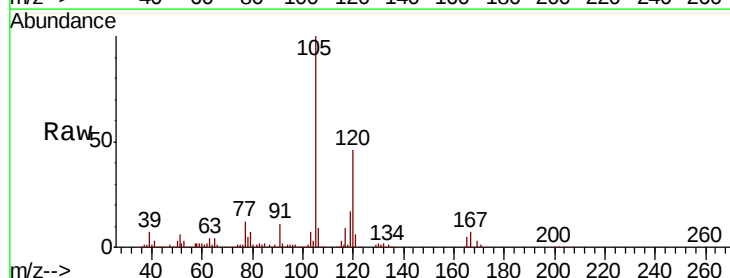
Instrument :
MSVOA_Y
ClientSampleId :
VY1018SBS01

Tot Ion:119 Resp: 240508
Ion Ratio Lower Upper
119 100
91 67.6 32.9 98.7
134 26.7 13.3 39.8



#84
1,2,4-Trimethylbenzene
Concen: 21.789 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VY000345.D
Acq: 18 Oct 2019 12:19

Tgt Ion:105 Resp: 289785
Ion Ratio Lower Upper
105 100
120 46.0 22.9 68.8





#85

sec-Butylbenzene

Concen: 21.314 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VY000345.D

Acq: 18 Oct 2019 12:19

Instrument :

MSVOA_Y

ClientSampleId :

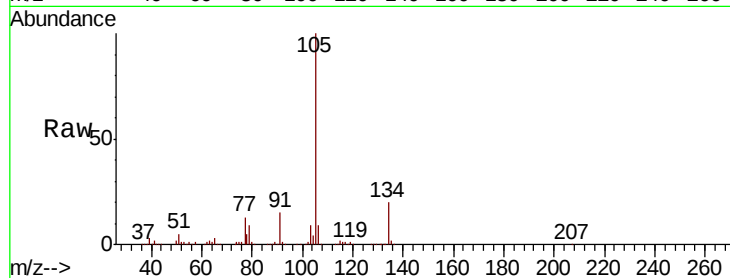
VY1018SBS01

Tot Ion:105 Resp: 351856

Ion Ratio Lower Upper

105 100

134 19.9 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

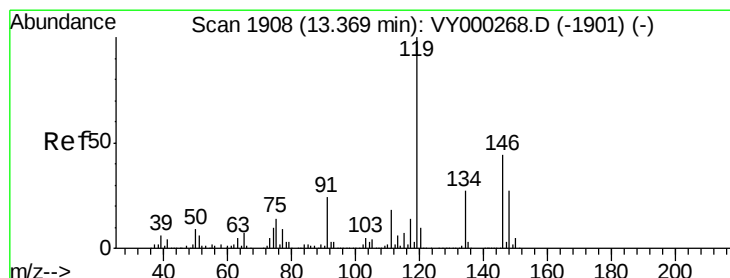
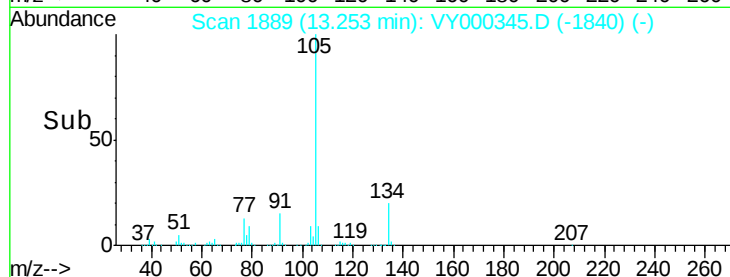
50000

0

13.25

13.30

Time-->



#86

p-Isopropyltoluene

Concen: 21.703 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.00 min

Lab File: VY000345.D

Acq: 18 Oct 2019 12:19

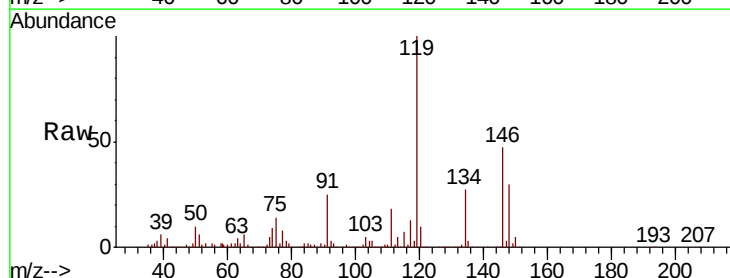
Tgt Ion:119 Resp: 312354

Ion Ratio Lower Upper

119 100

134 27.0 13.6 40.8

91 23.9 12.0 36.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

250000

200000

150000

100000

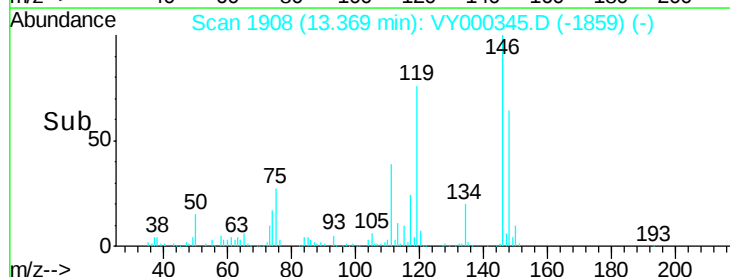
50000

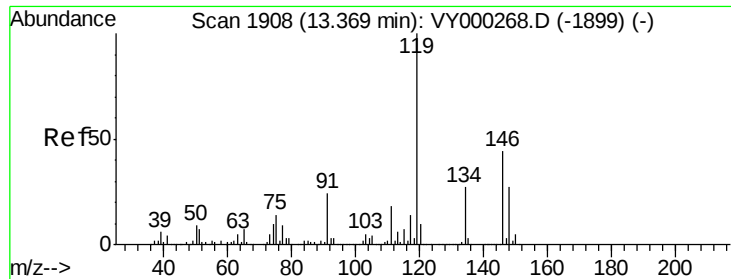
0

13.37

13.40

Time-->

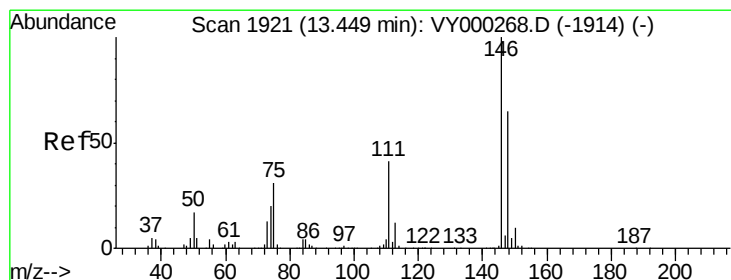
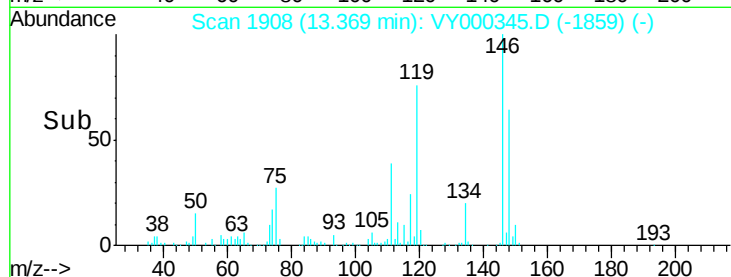
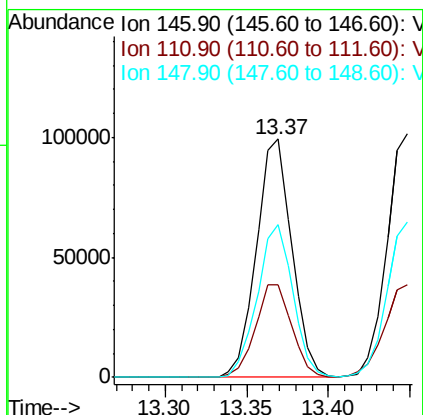
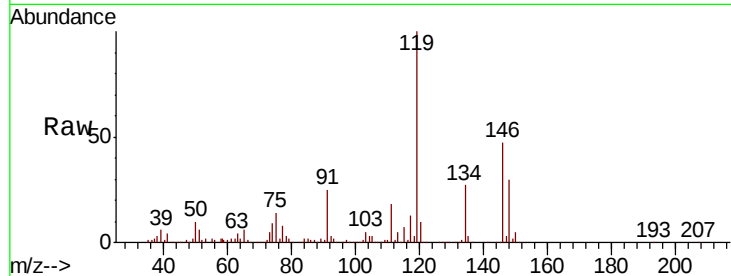




#87
 1,3-Dichlorobenzene
 Concen: 21.330 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. 0.00 min
 Lab File: VY000345.D
 Acq: 18 Oct 2019 12:19

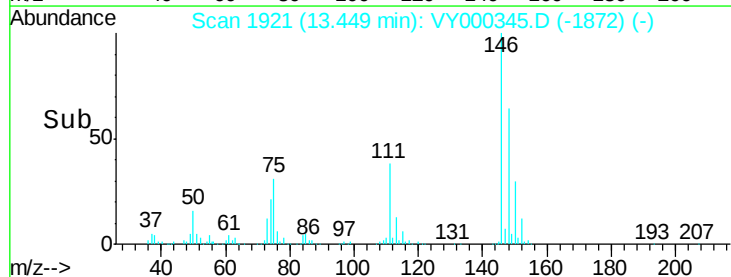
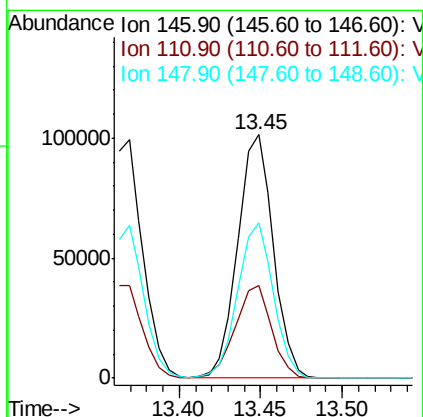
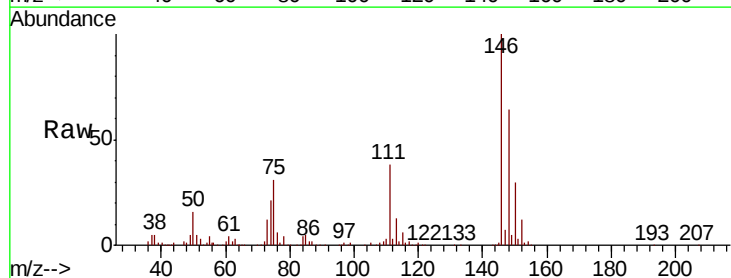
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1018SBS01

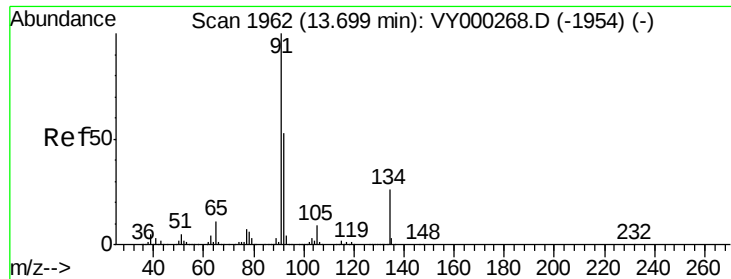
Tot Ion:146 Resp: 150284
 Ion Ratio Lower Upper
 146 100
 111 40.1 20.6 61.8
 148 64.2 31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 21.865 ug/l
 RT: 13.45 min Scan# 1921
 Delta R.T. 0.00 min
 Lab File: VY000345.D
 Acq: 18 Oct 2019 12:19

Tgt Ion:146 Resp: 153978
 Ion Ratio Lower Upper
 146 100
 111 39.4 20.1 60.2
 148 64.1 32.4 97.2





#89

n-Butylbenzene

Concen: 21.475 ug/l

RT: 13.70 min Scan# 1962

Delta R.T. 0.00 min

Lab File: VY000345.D

Acq: 18 Oct 2019 12:19

Instrument :

MSVOA_Y

ClientSampleId :

VY1018SBS01

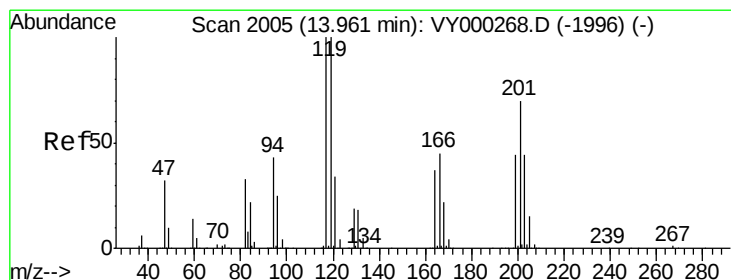
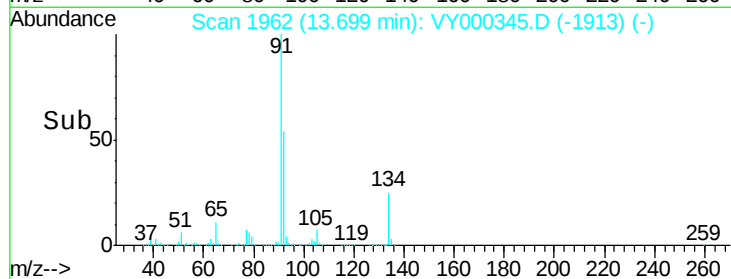
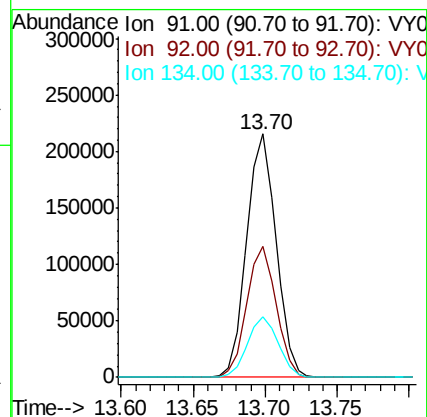
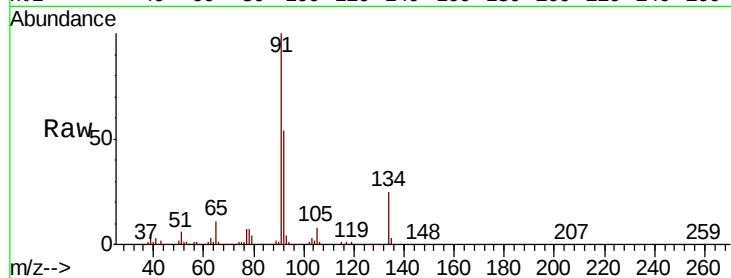
Tot Ion: 91 Resp: 305420

Ion	Ratio	Lower	Upper
91	100		
92	53.7	26.7	80.1
134	25.8	13.0	38.9

91 100

92 53.7 26.7 80.1

134 25.8 13.0 38.9



#90

Hexachloroethane

Concen: 21.258 ug/l

RT: 13.96 min Scan# 2005

Delta R.T. 0.00 min

Lab File: VY000345.D

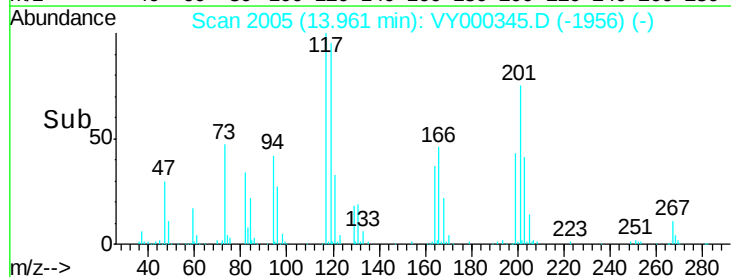
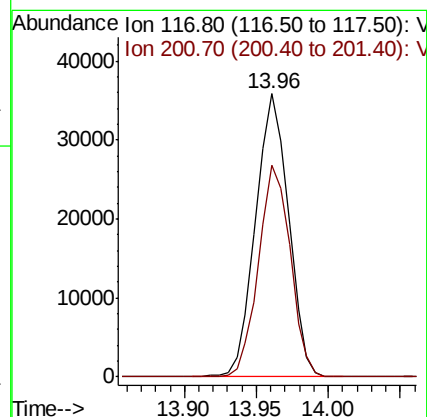
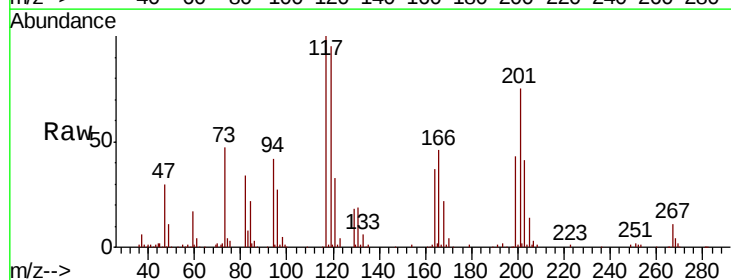
Acq: 18 Oct 2019 12:19

Tgt Ion: 117 Resp: 56653

Ion	Ratio	Lower	Upper
117	100		
201	72.3	36.3	108.7

117 100

201 72.3 36.3 108.7

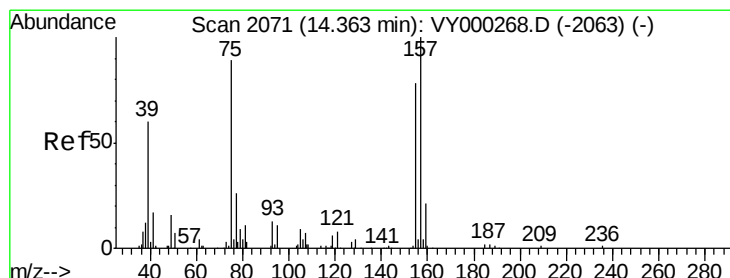
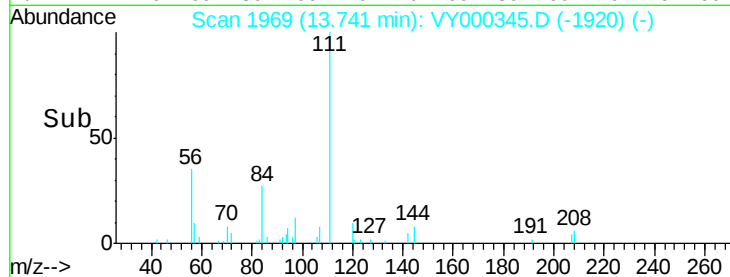
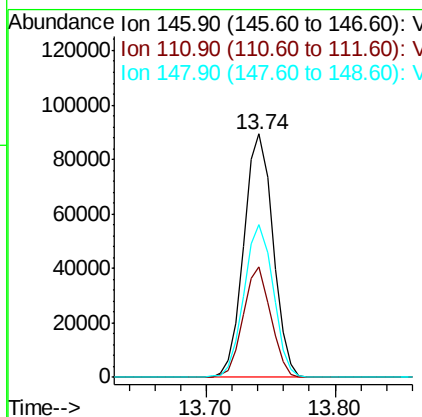
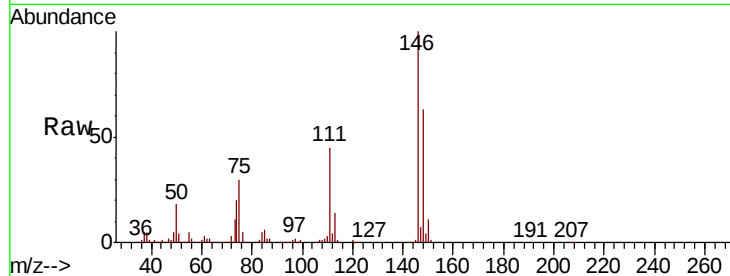




#91
 1,2-Dichlorobenzene
 Concen: 21.870 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. 0.00 min
 Lab File: VY000345.D
 Acq: 18 Oct 2019 12:19

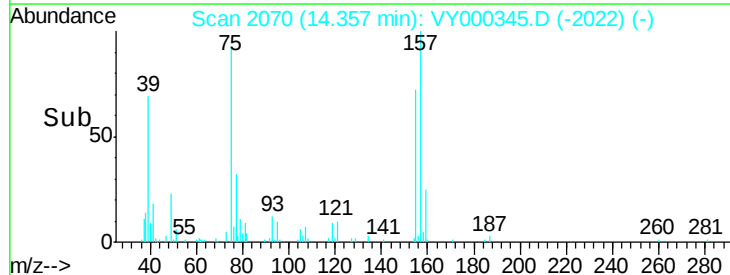
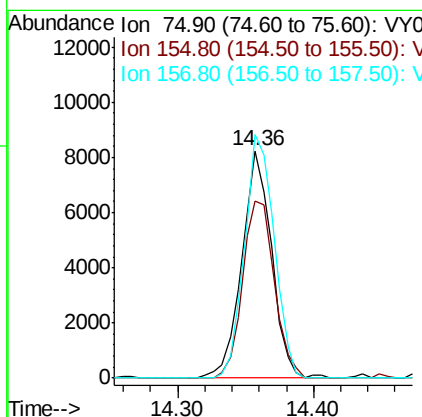
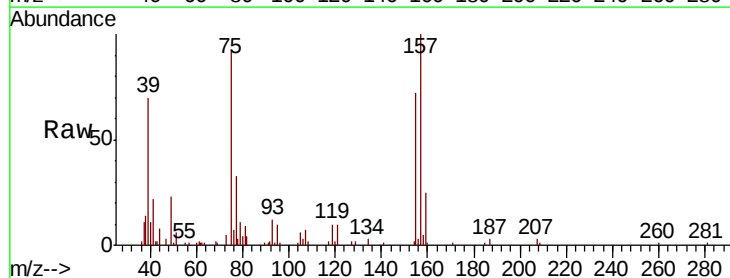
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1018SBS01

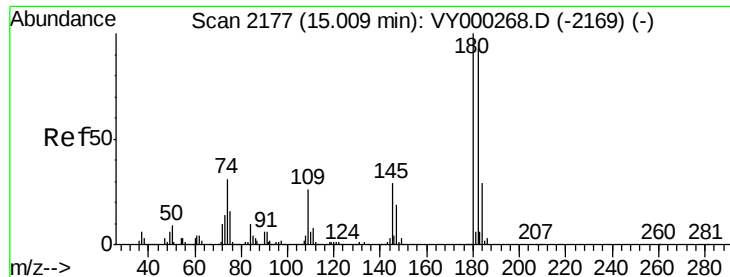
Tot Ion	Ratio	Lower	Upper
146	100		
111	42.8	20.5	61.5
148	63.1	31.6	95.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 22.069 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. -0.01 min
 Lab File: VY000345.D
 Acq: 18 Oct 2019 12:19

Tgt Ion	Ratio	Lower	Upper
75	100		
155	82.8	45.8	137.3
157	107.2	55.6	166.9

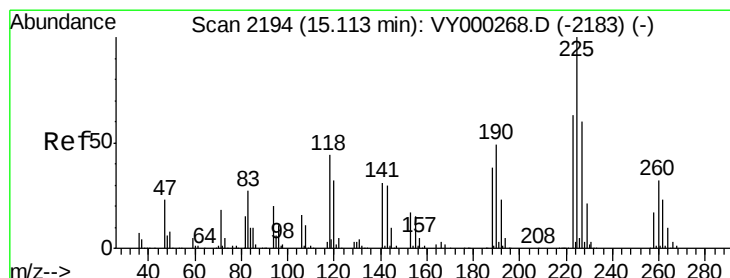
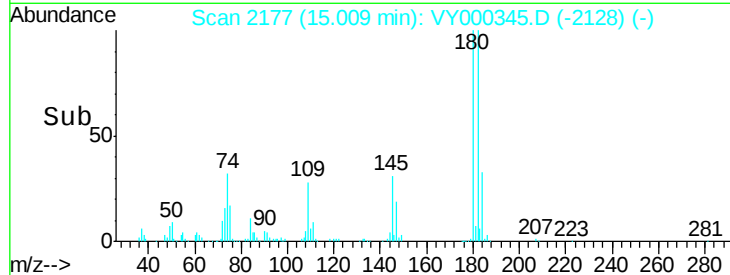
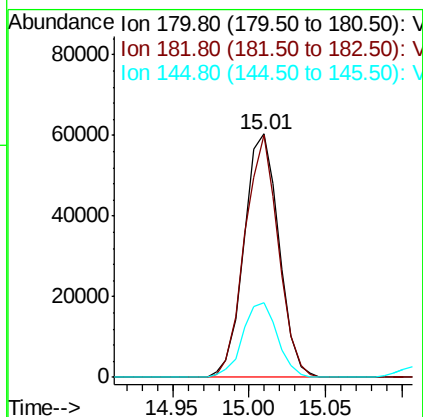
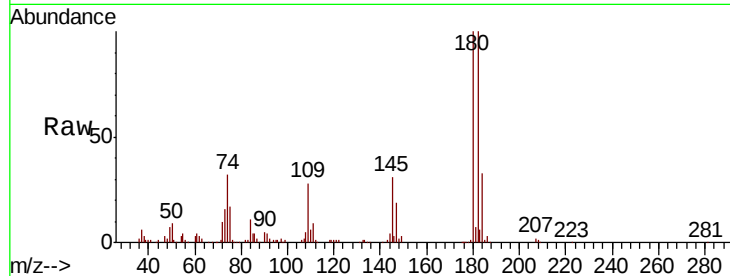




#93
 1,2,4-Trichlorobenzene
 Concen: 21.582 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VY000345.D
 Acq: 18 Oct 2019 12:19

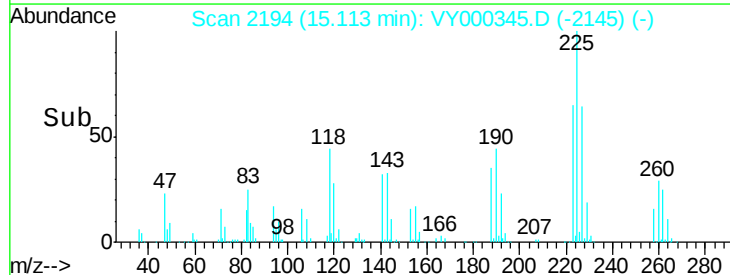
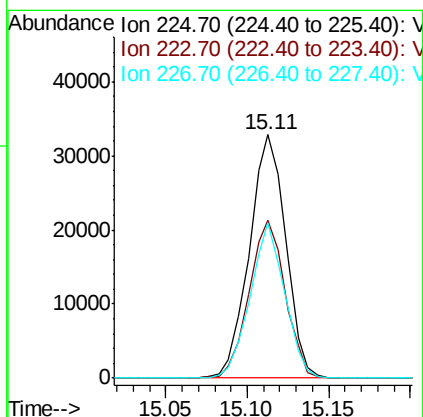
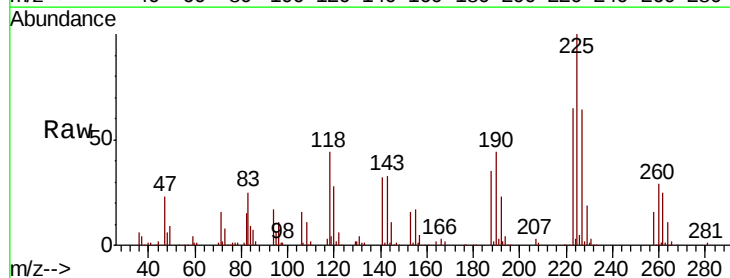
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1018SBS01

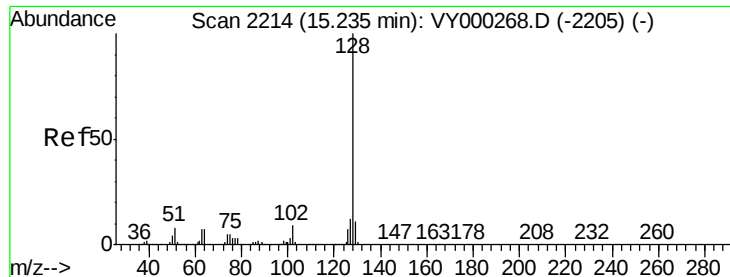
Tot Ion:180 Resp: 95809
 Ion Ratio Lower Upper
 180 100
 182 95.5 47.5 142.6
 145 30.7 15.4 46.1



#94
 Hexachlorobutadiene
 Concen: 21.230 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. 0.00 min
 Lab File: VY000345.D
 Acq: 18 Oct 2019 12:19

Tgt Ion:225 Resp: 51005
 Ion Ratio Lower Upper
 225 100
 223 64.1 31.9 95.7
 227 60.6 31.4 94.2

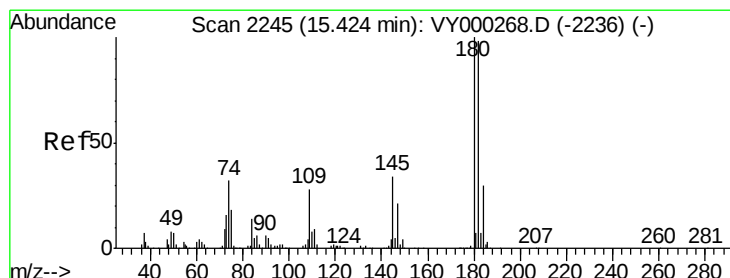
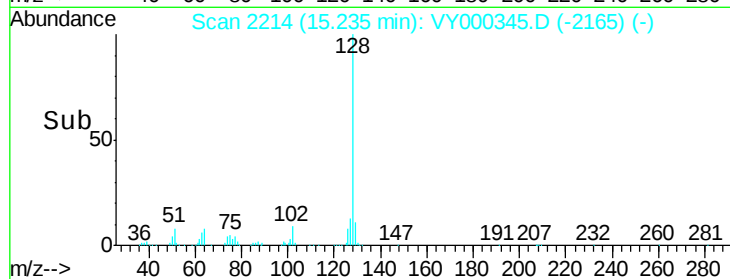
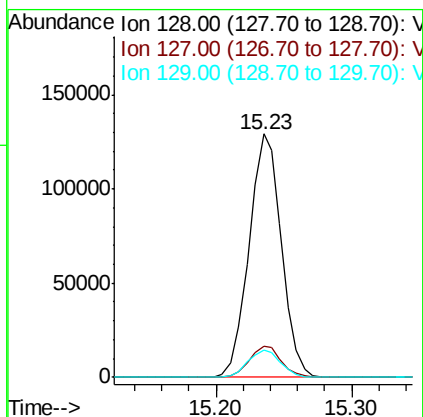
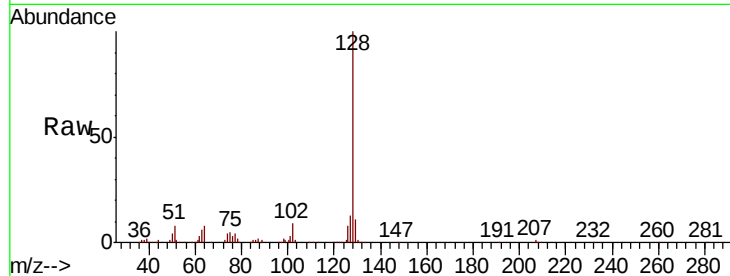




#95
Naphthalene
Concen: 21.655 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VY000345.D
Acq: 18 Oct 2019 12:19

Instrument :
MSVOA_Y
ClientSampleId :
VY1018SBS01

Tot Ion:128 Resp: 214532
Ion Ratio Lower Upper
128 100
127 12.8 9.6 14.4
129 11.5 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 21.684 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. 0.00 min
Lab File: VY000345.D
Acq: 18 Oct 2019 12:19

Tgt Ion:180 Resp: 86756
Ion Ratio Lower Upper
180 100
182 93.4 46.5 139.5
145 32.1 16.2 48.5

