

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY101719\
 Data File : VY000336.D
 Acq On : 17 Oct 2019 11:16
 Operator : SY/MD
 Sample : VY1017SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1017SBS01

Quant Time: Oct 17 18:07:51 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	289094	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	483132	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	427851	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	207223	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.16	65	162628	53.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.66%	
35) Dibromofluoromethane	7.73	113	147842	50.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.46%	
50) Toluene-d8	10.19	98	586776	52.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.68%	
62) 4-Bromofluorobenzene	12.49	95	210924	49.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.04%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	57686	22.899	ug/l	95
3) Chloromethane	2.12	50	73278	20.743	ug/l	97
4) Vinyl Chloride	2.26	62	76863	21.559	ug/l	94
5) Bromomethane	2.64	94	56705	21.461	ug/l	95
6) Chloroethane	2.79	64	48409	21.044	ug/l	97
7) Trichlorofluoromethane	3.13	101	106301	21.797	ug/l	94
8) Diethyl Ether	3.54	74	40483	23.498	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.90	101	62025	20.972	ug/l	99
10) Methyl Iodide	4.10	142	75964	18.791	ug/l	99
11) Tert butyl alcohol	4.98	59	17297m	54.200	ug/l	
12) 1,1-Dichloroethene	3.88	96	62858	21.528	ug/l	90
13) Acrolein	3.74	56	37142	99.271	ug/l	97
14) Allyl chloride	4.49	41	104784	21.656	ug/l	99
15) Acrylonitrile	5.18	53	102503	106.298	ug/l	95
16) Acetone	3.96	43	85838	86.920	ug/l	98
17) Carbon Disulfide	4.20	76	189187	20.579	ug/l	99
18) Methyl Acetate	4.49	43	52693	21.475	ug/l	94
19) Methyl tert-butyl Ether	5.23	73	179292	22.059	ug/l	94
20) Methylene Chloride	4.72	84	71046	17.857	ug/l	98
21) trans-1,2-Dichloroethene	5.22	96	69571	20.768	ug/l	92
22) Diisopropyl ether	6.13	45	222032	21.696	ug/l	95
23) Vinyl Acetate	6.07	43	720314	107.890	ug/l	99
24) 1,1-Dichloroethane	6.03	63	120294	21.535	ug/l	100
25) 2-Butanone	7.00	43	144471	103.850	ug/l	100
26) 2,2-Dichloropropane	6.99	77	110946	21.554	ug/l	97
27) cis-1,2-Dichloroethene	7.00	96	78088	21.543	ug/l	98
28) Bromochloromethane	7.35	49	48626	20.278	ug/l	97
29) Tetrahydrofuran	7.36	42	89943	106.682	ug/l	99
30) Chloroform	7.52	83	120134	21.355	ug/l	97
31) Cyclohexane	7.80	56	122803	21.049	ug/l	96
32) 1,1,1-Trichloroethane	7.71	97	105039	21.003	ug/l	100
36) 1,1-Dichloropropene	7.93	75	95190	20.124	ug/l	99
37) Ethyl Acetate	7.08	43	58673	20.948	ug/l	99
38) Carbon Tetrachloride	7.91	117	92862	20.276	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	130612	21.097	ug/l	96
40) Benzene	8.17	78	281278	20.577	ug/l	98
41) Methacrylonitrile	7.33	41	29874m	22.408	ug/l	
42) 1,2-Dichloroethane	8.25	62	80185	20.535	ug/l	99
43) Isopropyl Acetate	8.28	43	111779	20.989	ug/l	97
44) Trichloroethene	8.95	130	77221	20.133	ug/l	97
45) 1,2-Dichloropropane	9.22	63	70831	21.115	ug/l	97
46) Dibromomethane	9.32	93	38194	20.367	ug/l	99
47) Bromodichloromethane	9.50	83	93256	21.101	ug/l	94
48) Methyl methacrylate	9.30	41	49855	21.361	ug/l	98
49) 1,4-Dioxane	9.31	88	10395	369.700	ug/l	89
51) 4-Methyl-2-Pentanone	10.08	43	295554	107.600	ug/l	98
52) Toluene	10.25	92	179385	20.669	ug/l	98
53) t-1,3-Dichloropropene	10.47	75	101059	21.337	ug/l	97
54) cis-1,3-Dichloropropene	9.94	75	113628	21.125	ug/l	98
55) 1,1,2-Trichloroethane	10.65	97	57432	21.064	ug/l	94
56) Ethyl methacrylate	10.52	69	83421	21.465	ug/l	98
57) 1,3-Dichloropropane	10.80	76	100124	21.382	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.79	63	202396	130.566	ug/l	99
59) 2-Hexanone	10.84	43	216460	112.272	ug/l	98
60) Dibromochloromethane	10.99	129	63742	21.092	ug/l	97
61) 1,2-Dibromoethane	11.10	107	55725	21.286	ug/l	99
64) Tetrachloroethene	10.72	164	86070	21.131	ug/l	98
65) Chlorobenzene	11.52	112	184683	20.453	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.60	131	66716	21.033	ug/l	97
67) Ethyl Benzene	11.60	91	350096	20.915	ug/l	100
68) m/p-Xylenes	11.71	106	265403	41.476	ug/l	98
69) o-Xylene	12.03	106	124880	20.457	ug/l	99
70) Styrene	12.05	104	213148	20.704	ug/l	100
71) Bromoform	12.21	173	38723	21.237	ug/l #	99
73) Isopropylbenzene	12.33	105	335249	20.748	ug/l	98
74) N-amyl acetate	12.14	43	96969	24.446	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.59	83	64886	21.388	ug/l	100
76) 1,2,3-Trichloropropane	12.64	75	56943m	22.347	ug/l	
77) Bromobenzene	12.61	156	77516	21.559	ug/l	97
78) n-propylbenzene	12.67	91	406637	20.961	ug/l	99
79) 2-Chlorotoluene	12.76	91	228579	21.335	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	286621	21.155	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.38	75	24135	20.724	ug/l	98
82) 4-Chlorotoluene	12.86	91	239524	21.150	ug/l	99
83) tert-Butylbenzene	13.08	119	242451	21.131	ug/l	100
84) 1,2,4-Trimethylbenzene	13.13	105	282203	21.104	ug/l	99
85) sec-Butylbenzene	13.25	105	351624	21.185	ug/l	99
86) p-Isopropyltoluene	13.38	119	314773	21.753	ug/l	99
87) 1,3-Dichlorobenzene	13.37	146	150188	21.201	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	148369	20.954	ug/l	99
89) n-Butylbenzene	13.70	91	304340	21.283	ug/l	99
90) Hexachloroethane	13.96	117	58408	21.798	ug/l	97
91) 1,2-Dichlorobenzene	13.74	146	139542	21.766	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	12994	22.584	ug/l	90

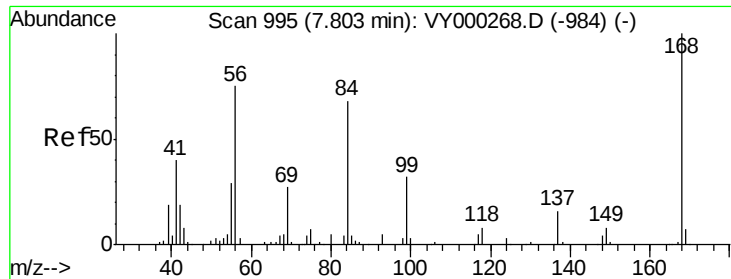
Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY101719\
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Quant Title : SW846 8260
QLast Update : Thu Oct 17 02:03:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	95995	21.506	ug/l	99
94) Hexachlorobutadiene	15.11	225	50675	20.979	ug/l	97
95) Naphthalene	15.24	128	220950	22.181	ug/l	99
96) 1,2,3-Trichlorobenzene	15.43	180	85976	21.372	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. 0.00 min

Lab File: VY000336.D

Acq: 17 Oct 2019 11:16

Instrument :

MSVOA_Y

ClientSampleId :

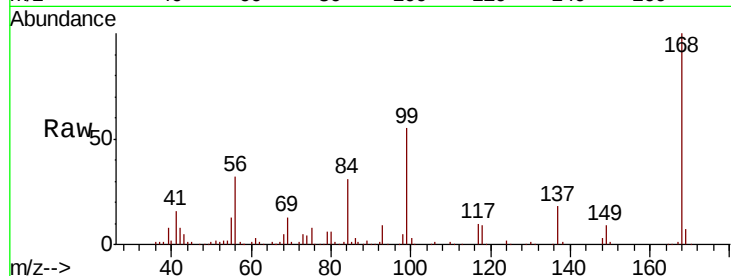
VY1017SBS01

Tot Ion:168 Resp: 289094

Ion Ratio Lower Upper

168 100

99 54.6 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): VY000336.D (-946) (-)

Ion 98.90 (98.60 to 99.60): VY000336.D (-946) (-)

7.80

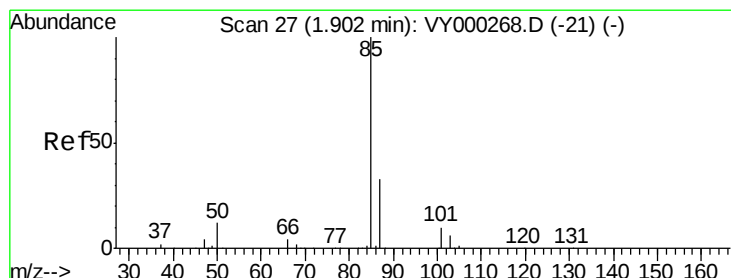
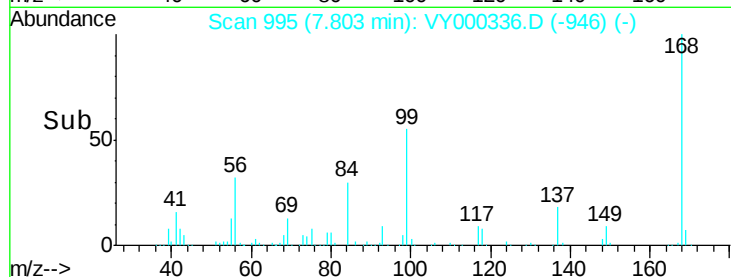
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 22.899 ug/l

RT: 1.90 min Scan# 27

Delta R.T. 0.00 min

Lab File: VY000336.D

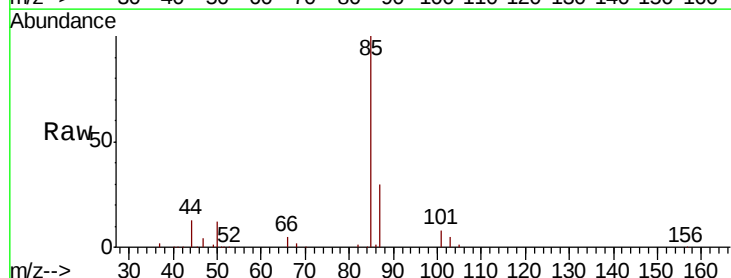
Acq: 17 Oct 2019 11:16

Tgt Ion: 85 Resp: 57686

Ion Ratio Lower Upper

85 100

87 30.4 16.6 49.8



Abundance Ion 84.90 (84.60 to 85.60): VY000336.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY000336.D (-1) (-)

1.90

40000

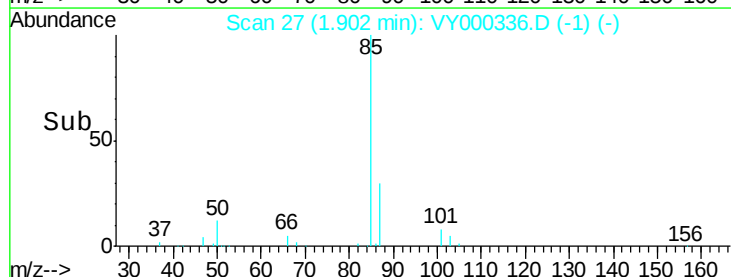
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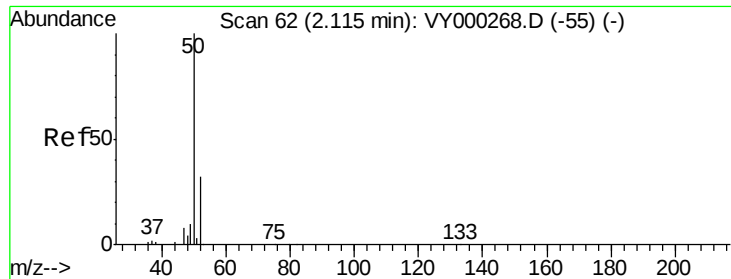
20000

10000

0

Time-->





#3

Chloromethane

Concen: 20.743 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY000336.D

Acq: 17 Oct 2019 11:16

Instrument :

MSVOA_Y

ClientSampleId :

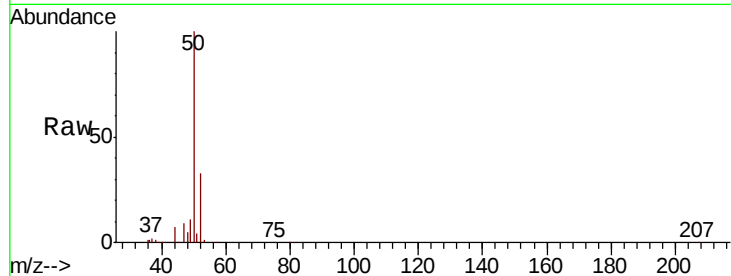
VY1017SBS01

Tot Ion: 50 Resp: 73278

Ion Ratio Lower Upper

50 100

52 33.1 25.3 37.9



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0

2.12

40000

30000

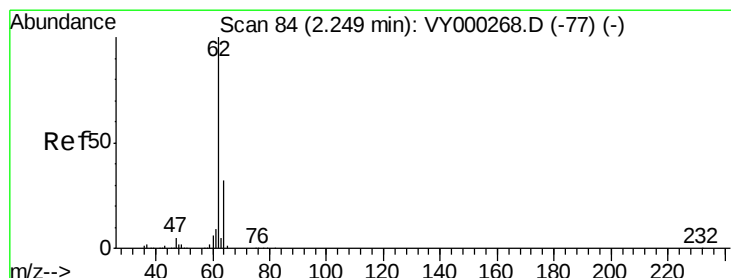
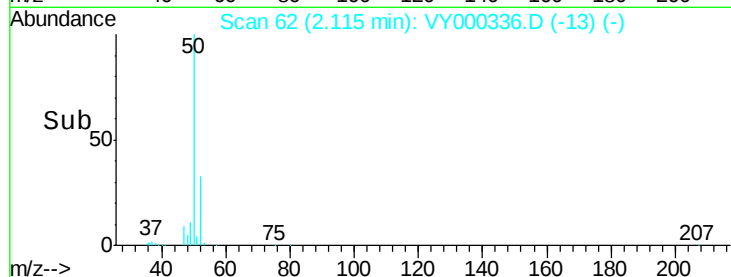
20000

10000

0

Time-->

2.05 2.10 2.15 2.20 2.25



#4

Vinyl Chloride

Concen: 21.559 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.01 min

Lab File: VY000336.D

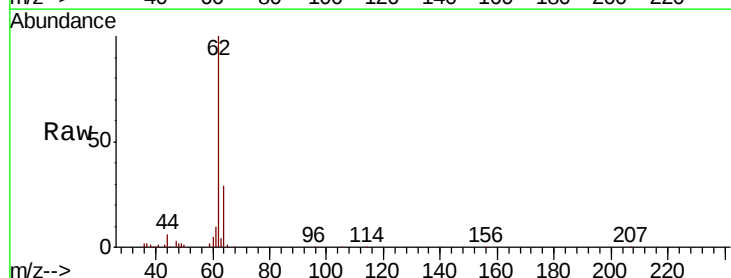
Acq: 17 Oct 2019 11:16

Tgt Ion: 62 Resp: 76863

Ion Ratio Lower Upper

62 100

64 28.6 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0

2.26

50000

40000

30000

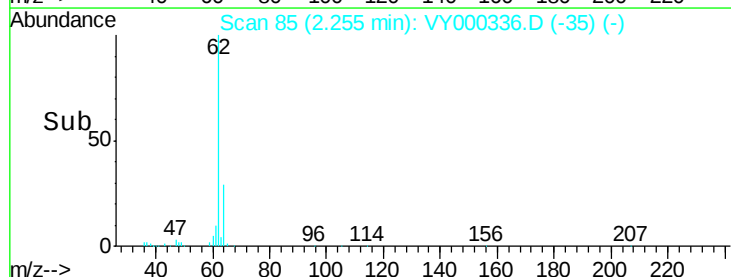
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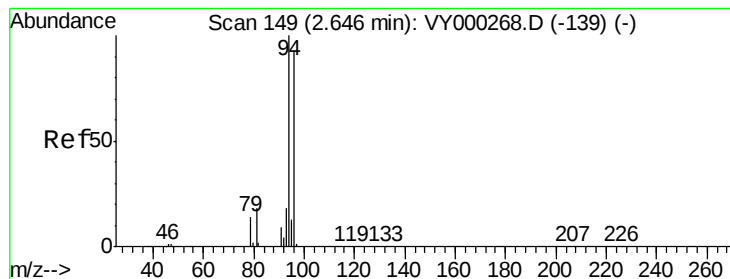
10000

0

Time-->

2.20 2.30 2.40





#5

Bromomethane

Concen: 21.461 ug/l

RT: 2.64 min Scan# 148

Delta R.T. -0.01 min

Lab File: VY000336.D

Acq: 17 Oct 2019 11:16

Instrument :

MSVOA_Y

ClientSampleId :

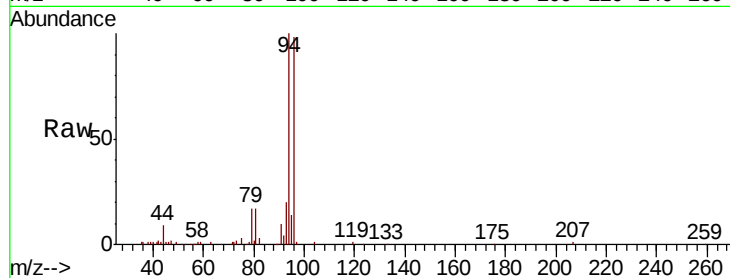
VY1017SBS01

Tot Ion: 94 Resp: 56705

Ion Ratio Lower Upper

94 100

96 97.7 74.2 111.2



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0

2.64

25000

20000

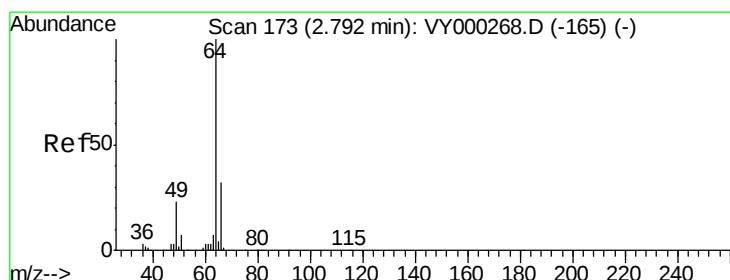
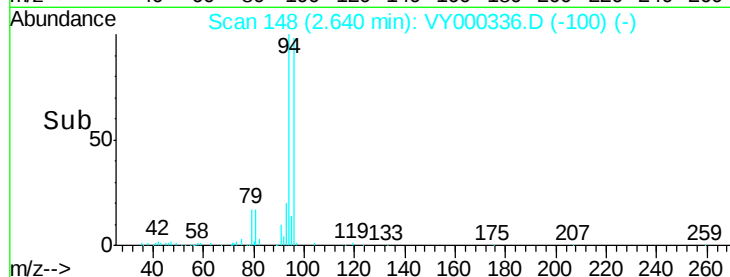
15000

10000

5000

0

Time-->



#6

Chloroethane

Concen: 21.044 ug/l

RT: 2.79 min Scan# 173

Delta R.T. 0.00 min

Lab File: VY000336.D

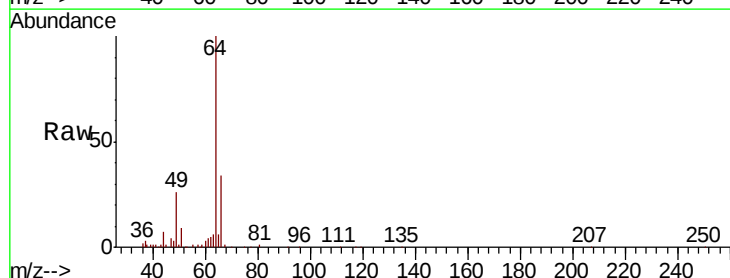
Acq: 17 Oct 2019 11:16

Tgt Ion: 64 Resp: 48409

Ion Ratio Lower Upper

64 100

66 33.7 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0

2.79

25000

20000

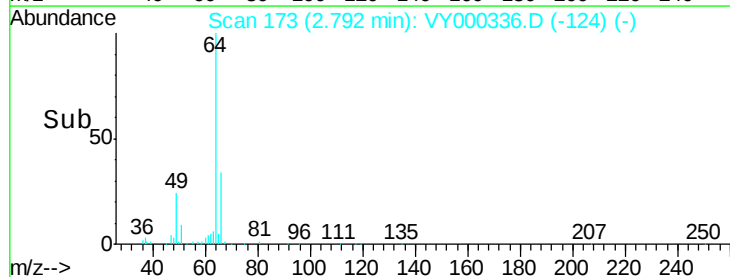
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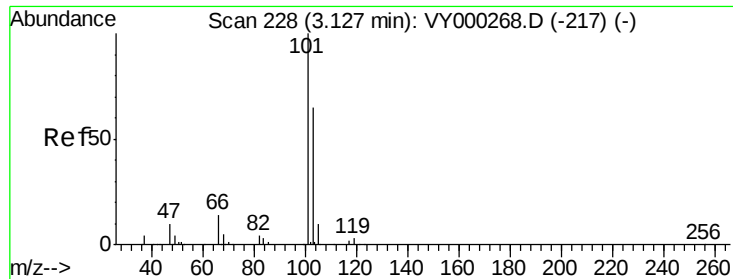
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5000

0

Time-->



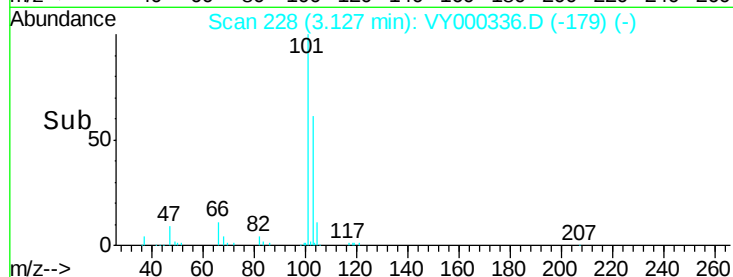
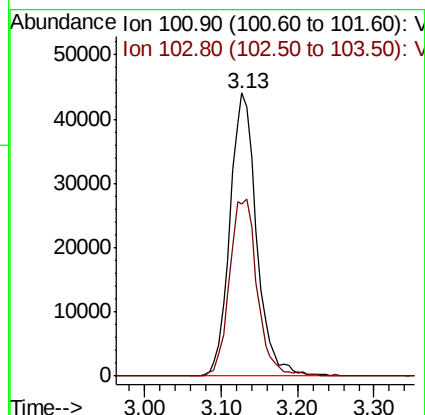
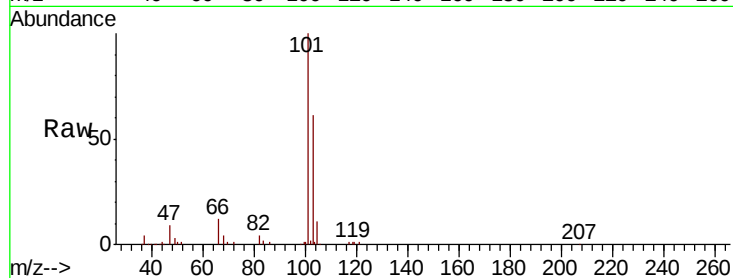


#7

Trichlorofluoromethane
 Concen: 21.797 ug/l
 RT: 3.13 min Scan# 228
 Delta R.T. 0.00 min
 Lab File: VY000336.D
 Acq: 17 Oct 2019 11:16

Instrument :
 MSVOA_Y
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 VY1017SBS01

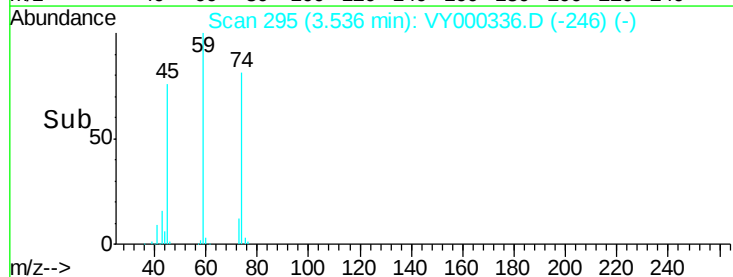
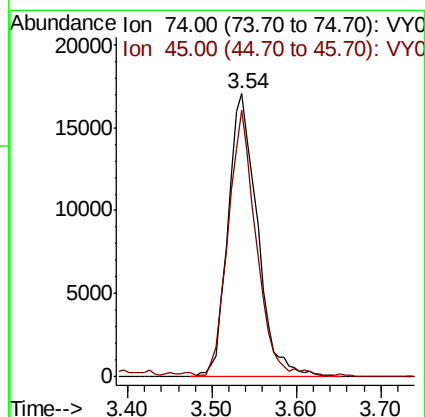
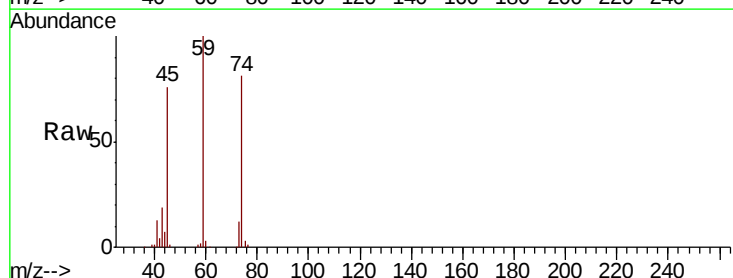
Tot Ion:101 Resp: 106301
 Ion Ratio Lower Upper
 101 100
 103 60.9 52.2 78.4

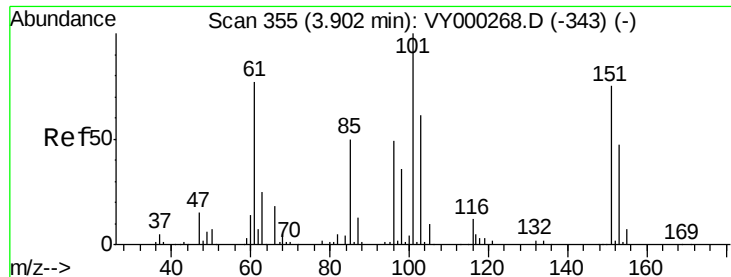


#8

Diethyl Ether
 Concen: 23.498 ug/l
 RT: 3.54 min Scan# 295
 Delta R.T. 0.00 min
 Lab File: VY000336.D
 Acq: 17 Oct 2019 11:16

Tgt Ion: 74 Resp: 40483
 Ion Ratio Lower Upper
 74 100
 45 90.4 47.1 141.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.972 ug/l

RT: 3.90 min Scan# 354

Delta R.T. -0.01 min

Lab File: VY000336.D

Acq: 17 Oct 2019 11:16

Instrument :

MSVOA_Y

ClientSampleId :

VY1017SBS01

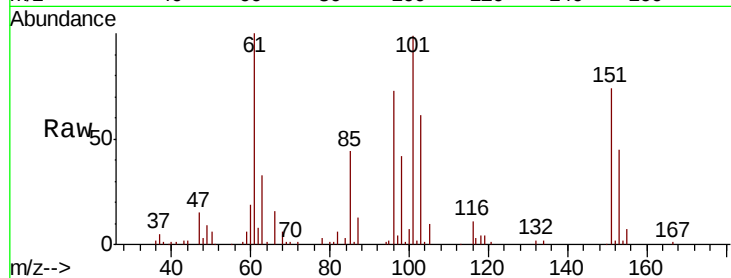
Tot Ion:101 Resp: 62025

Ion Ratio Lower Upper

101 100

85 47.1 36.6 55.0

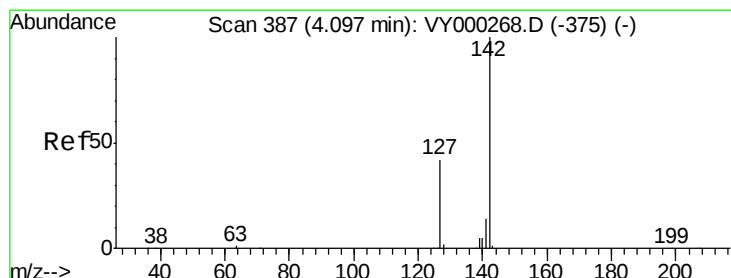
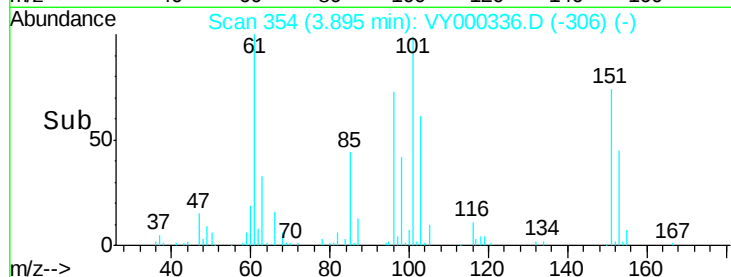
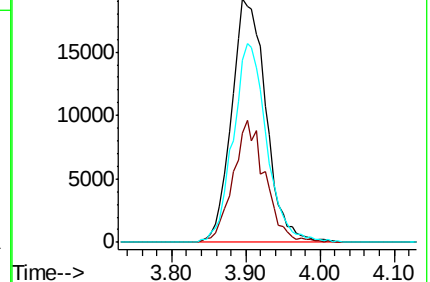
151 79.8 63.1 94.7



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: 18.791 ug/l

RT: 4.10 min Scan# 387

Delta R.T. 0.00 min

Lab File: VY000336.D

Acq: 17 Oct 2019 11:16

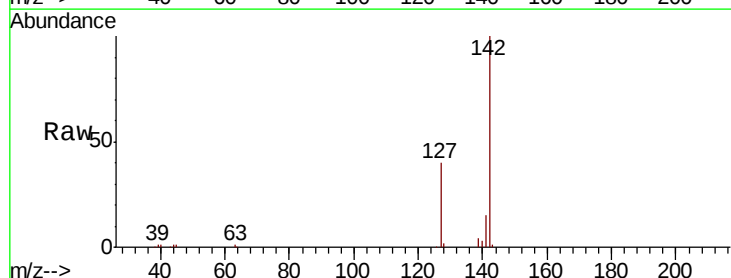
Tgt Ion:142 Resp: 75964

Ion Ratio Lower Upper

142 100

127 41.8 33.9 50.9

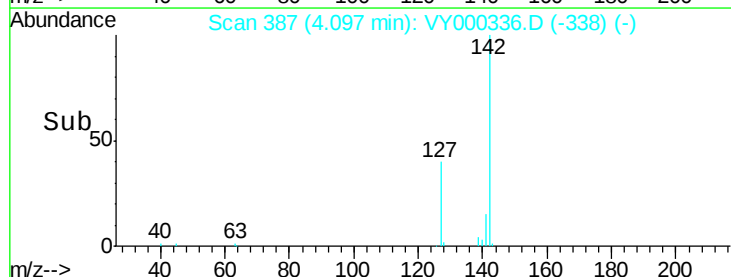
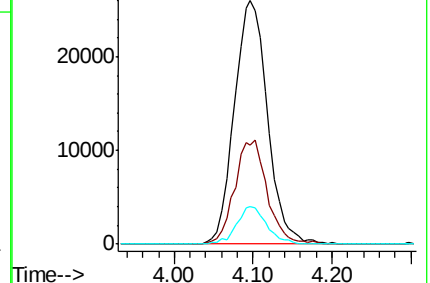
141 13.9 11.2 16.8

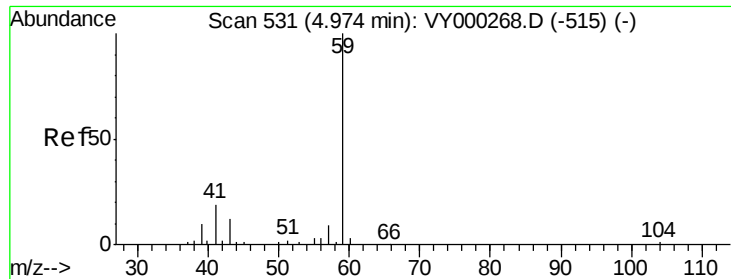


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



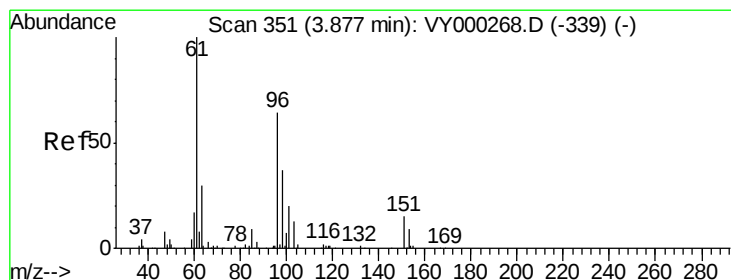
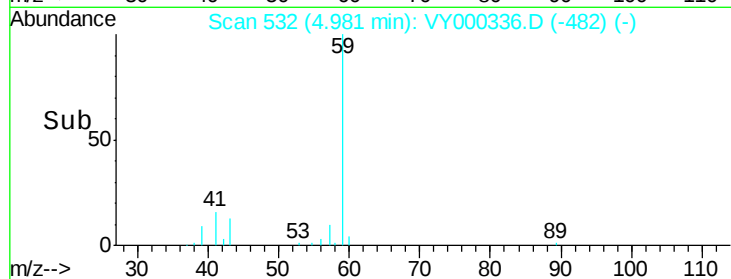
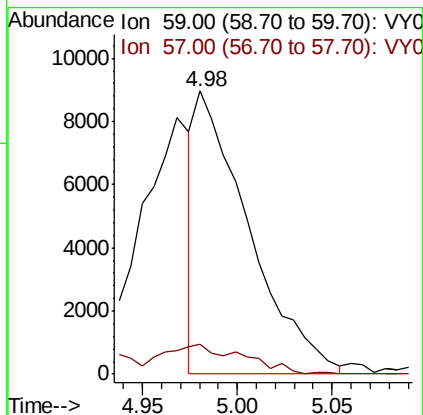
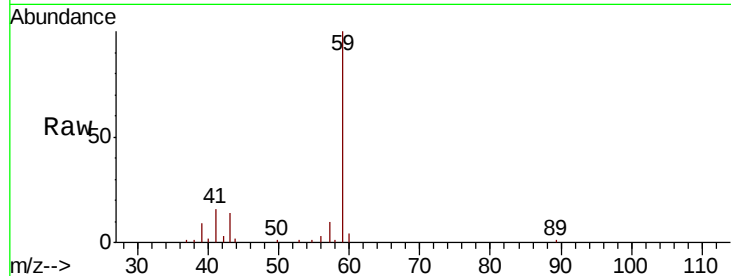


#11

Tert butyl alcohol
 Concen: 54.200 ug/l m
 RT: 4.98 min Scan# 532
 Delta R.T. 0.01 min
 Lab File: VY000336.D
 Acq: 17 Oct 2019 11:16

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1017SBS01

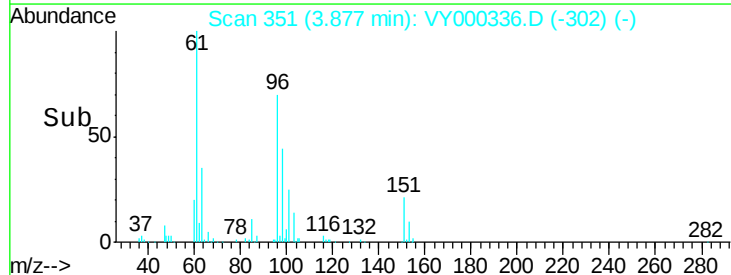
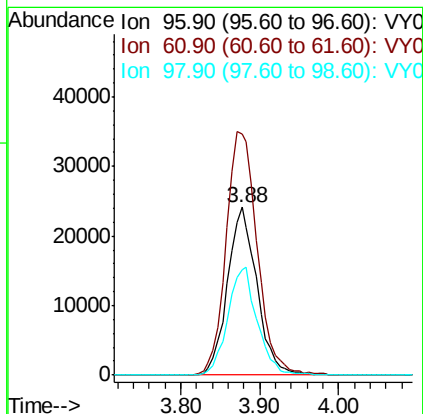
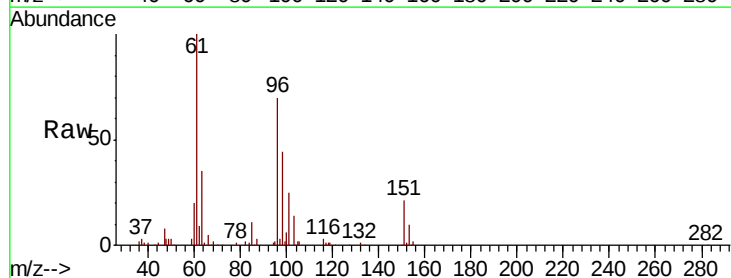
Tot Ion: 59 Resp: 17297
 Ion Ratio Lower Upper
 59 100
 57 15.7 8.2 12.2#

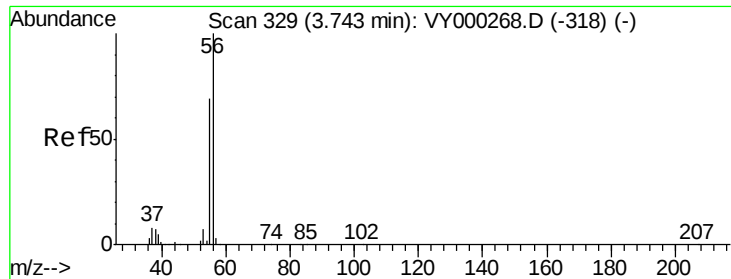


#12

1,1-Dichloroethene
 Concen: 21.528 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. 0.00 min
 Lab File: VY000336.D
 Acq: 17 Oct 2019 11:16

Tgt Ion: 96 Resp: 62858
 Ion Ratio Lower Upper
 96 100
 61 143.7 125.8 188.6
 98 63.1 46.2 69.2





#13

Acrolein

Concen: 99.271 ug/l

RT: 3.74 min Scan# 328

Delta R.T. -0.01 min

Lab File: VY000336.D

Acq: 17 Oct 2019 11:16

Instrument :

MSVOA_Y

ClientSampleId :

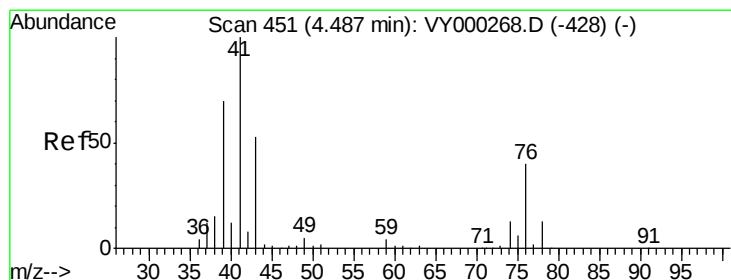
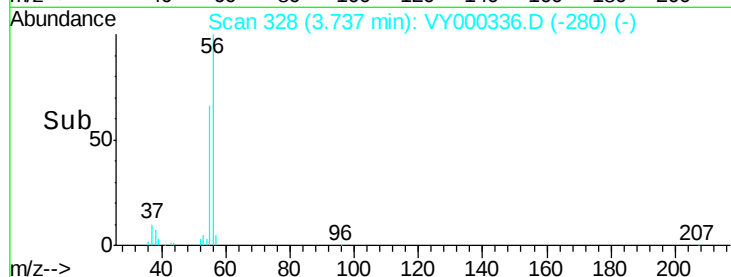
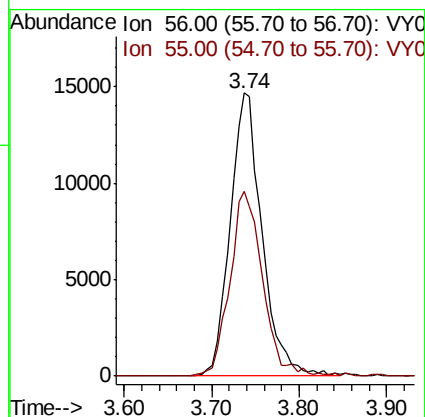
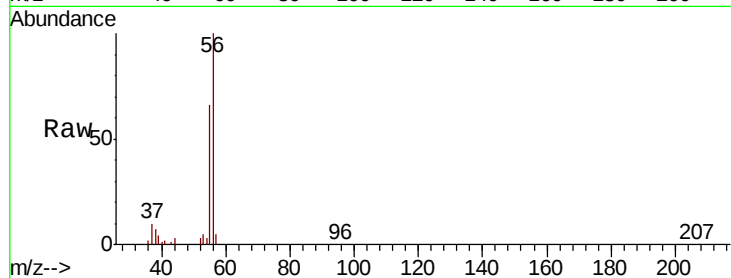
VY1017SBS01

Tot Ion: 56 Resp: 37142

Ion Ratio Lower Upper

56 100

55 66.8 55.7 83.5



#14

Allyl chloride

Concen: 21.656 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.00 min

Lab File: VY000336.D

Acq: 17 Oct 2019 11:16

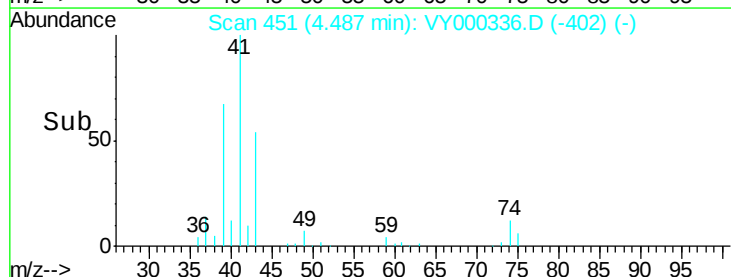
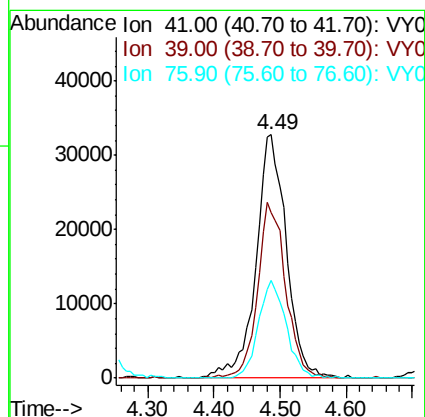
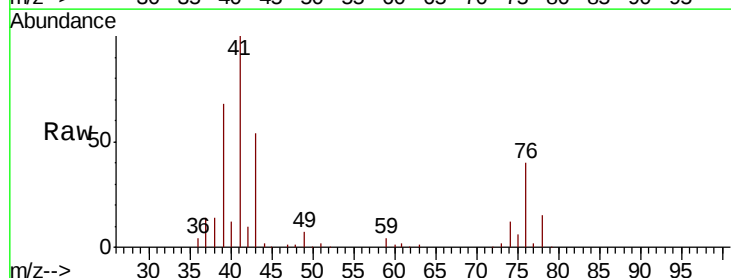
Tgt Ion: 41 Resp: 104784

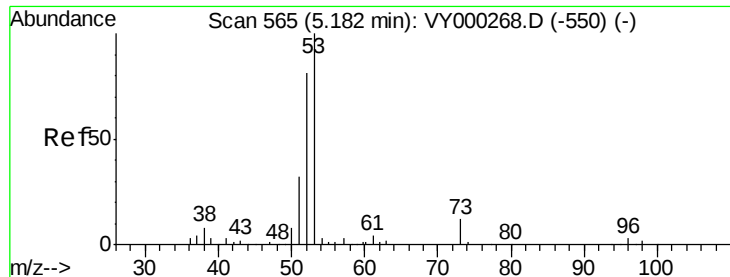
Ion Ratio Lower Upper

41 100

39 66.9 54.0 81.0

76 37.0 30.7 46.1





#15

Acrylonitrile

Concen: 106.298 ug/l

RT: 5.18 min Scan# 564

Delta R.T. -0.01 min

Lab File: VY000336.D

Acq: 17 Oct 2019 11:16

Instrument :

MSVOA_Y

ClientSampleId :

VY1017SBS01

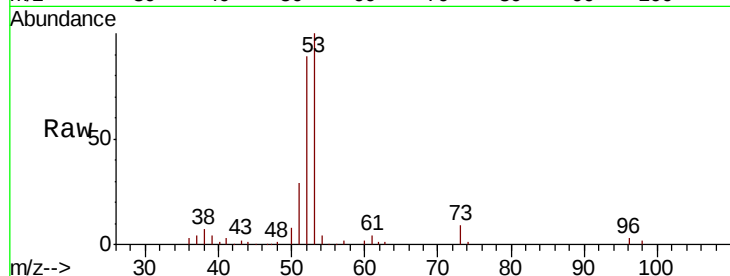
Tot Ion: 53 Resp: 102503

Ion Ratio Lower Upper

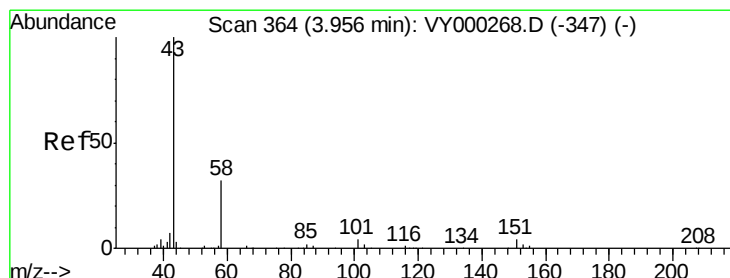
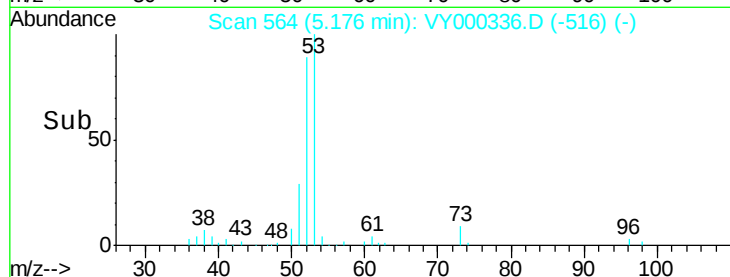
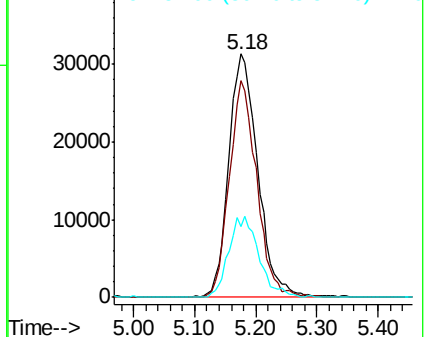
53 100

52 83.9 62.9 94.3

51 34.4 26.9 40.3



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



#16

Acetone

Concen: 86.920 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.00 min

Lab File: VY000336.D

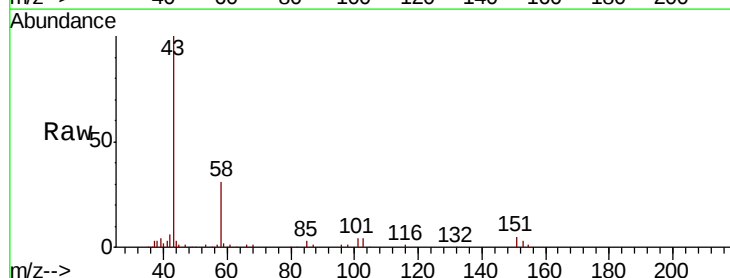
Acq: 17 Oct 2019 11:16

Tgt Ion: 43 Resp: 85838

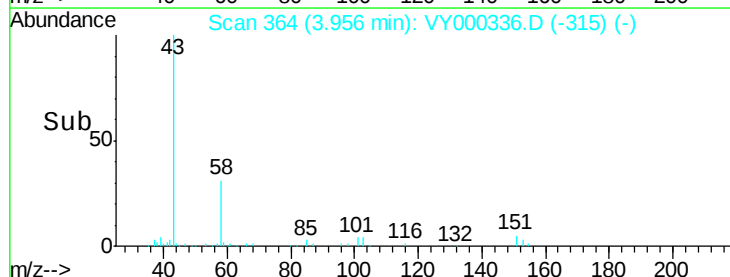
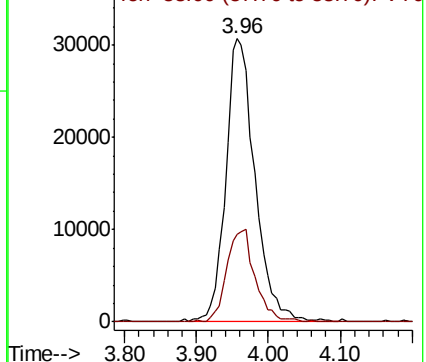
Ion Ratio Lower Upper

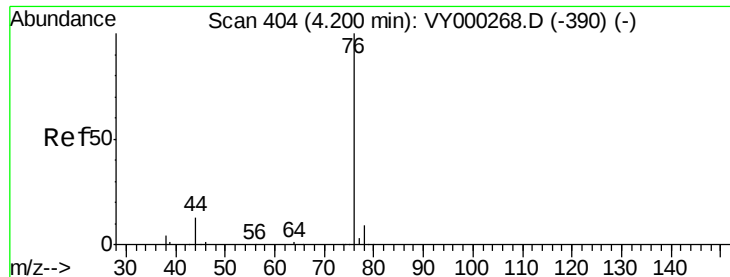
43 100

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

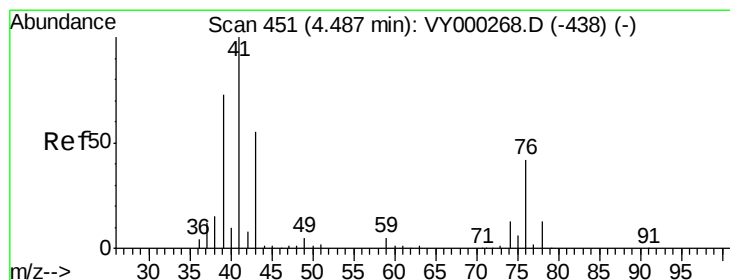
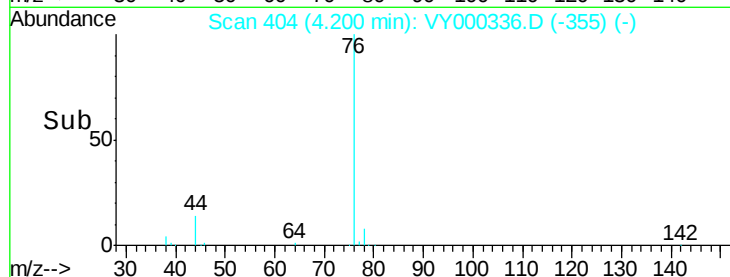
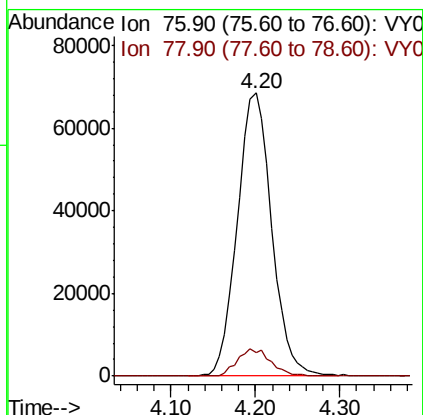
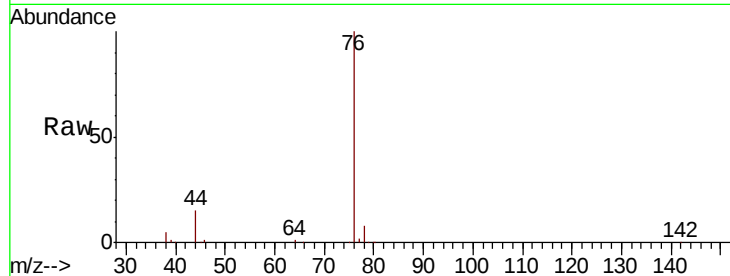




#17
Carbon Disulfide
Concen: 20.579 ug/l
RT: 4.20 min Scan# 404
Delta R.T. 0.00 min
Lab File: VY000336.D
Acq: 17 Oct 2019 11:16

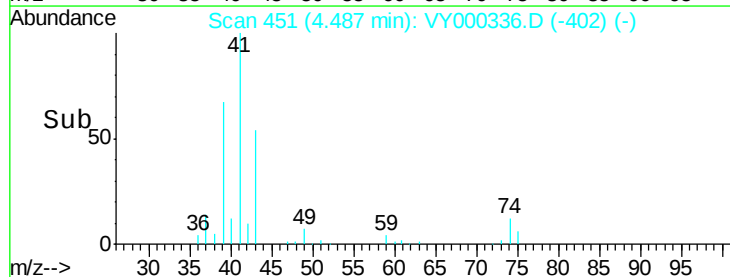
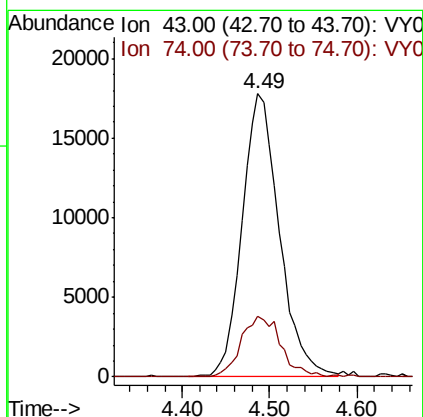
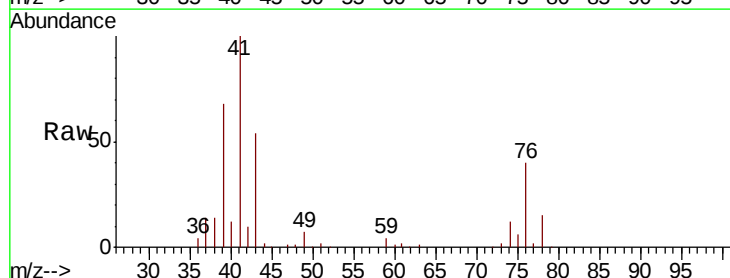
Instrument :
MSVOA_Y
ClientSampleId :
VY1017SBS01

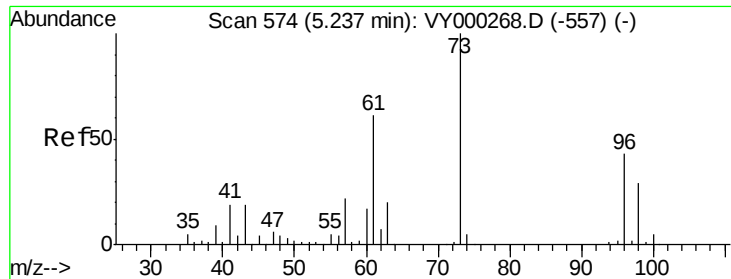
Tot Ion: 76 Resp: 189187
Ion Ratio Lower Upper
76 100
78 8.5 7.0 10.4



#18
Methyl Acetate
Concen: 21.475 ug/l
RT: 4.49 min Scan# 451
Delta R.T. 0.00 min
Lab File: VY000336.D
Acq: 17 Oct 2019 11:16

Tgt Ion: 43 Resp: 52693
Ion Ratio Lower Upper
43 100
74 22.7 20.4 30.6

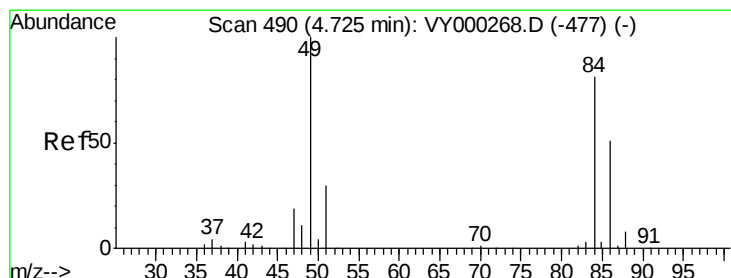
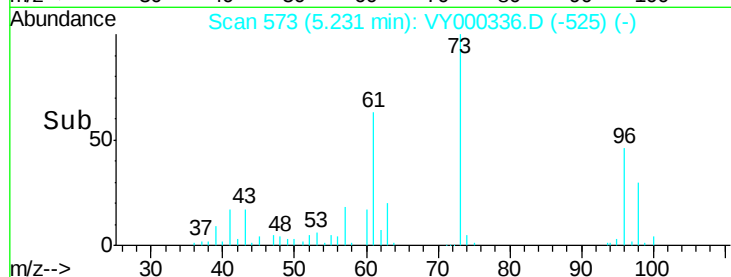
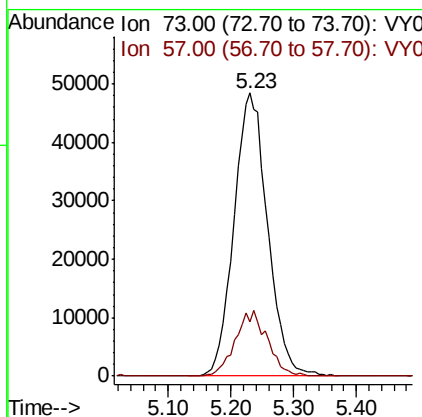
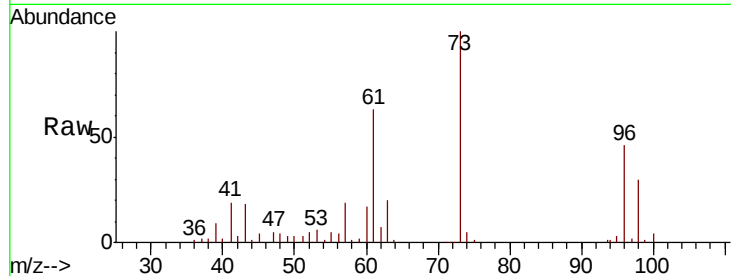




#19
Methvl tert-butvl Ether
Concen: 22.059 ug/l
RT: 5.23 min Scan# 573
Delta R.T. -0.01 min
Lab File: VY000336.D
Acq: 17 Oct 2019 11:16

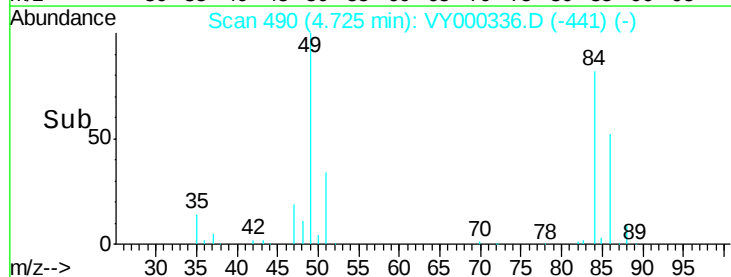
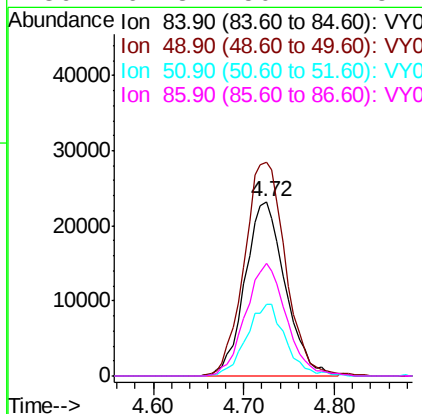
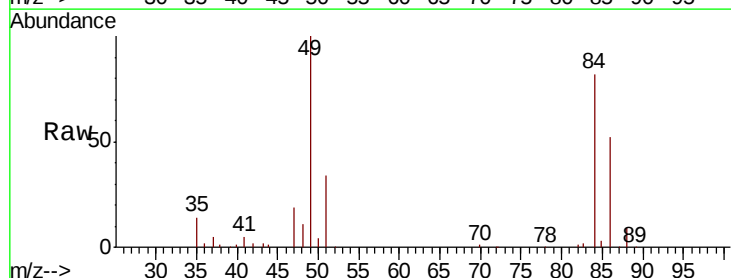
Instrument :
MSVOA_Y
ClientSampleId :
VY1017SBS01

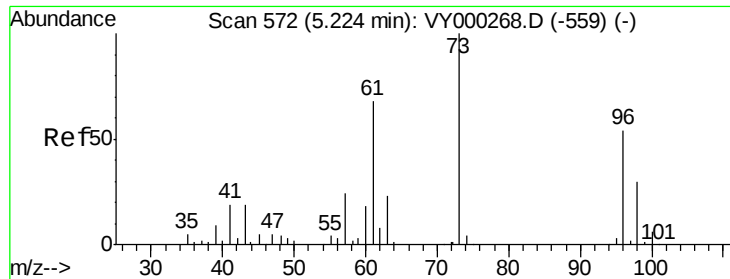
Tot Ion: 73 Resp: 179292
Ion Ratio Lower Upper
73 100
57 19.1 17.4 26.0



#20
Methylene Chloride
Concen: 17.857 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY000336.D
Acq: 17 Oct 2019 11:16

Tgt Ion: 84 Resp: 71046
Ion Ratio Lower Upper
84 100
49 122.6 99.0 148.4
51 41.2 29.3 43.9
86 64.3 50.2 75.4





#21

trans-1,2-Dichloroethene

Concen: 20.768 ug/l

RT: 5.22 min Scan# 572

Delta R.T. 0.00 min

Lab File: VY000336.D

Acq: 17 Oct 2019 11:16

Instrument :

MSVOA_Y

ClientSampleId :

VY1017SBS01

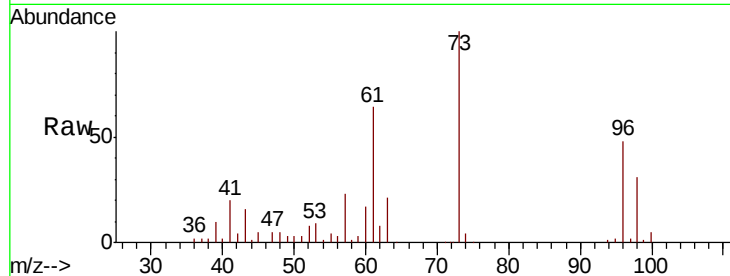
Tot Ion: 96 Resp: 69571

Ion Ratio Lower Upper

96 100

61 132.7 100.4 150.6

98 63.9 44.6 66.8

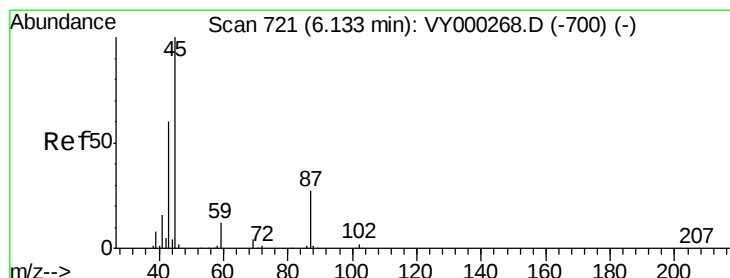
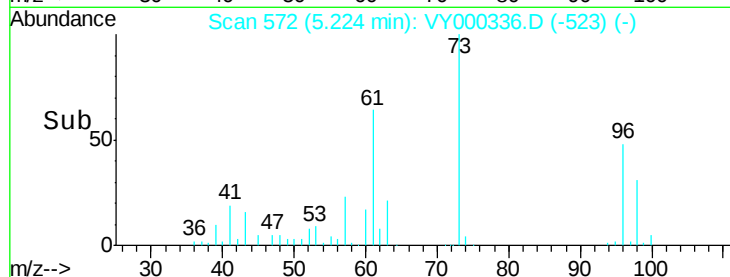
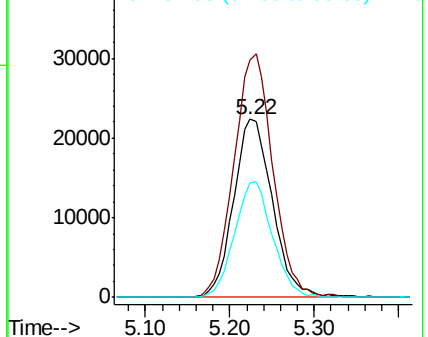


Abundance

Ion 95.90 (95.60 to 96.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

Ion 97.90 (97.60 to 98.60): VY0



#22

Diisopropyl ether

Concen: 21.696 ug/l

RT: 6.13 min Scan# 721

Delta R.T. 0.00 min

Lab File: VY000336.D

Acq: 17 Oct 2019 11:16

Tgt Ion: 45 Resp: 222032

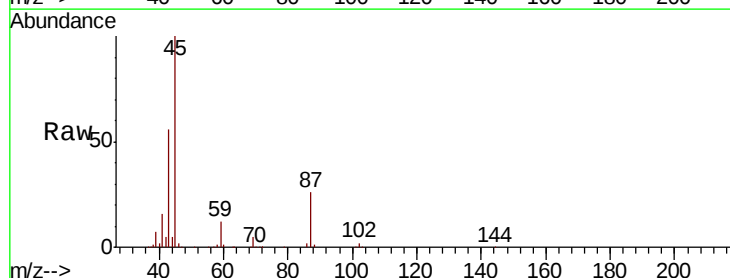
Ion Ratio Lower Upper

45 100

43 55.4 48.5 72.7

87 25.6 21.5 32.3

59 12.3 9.4 14.0



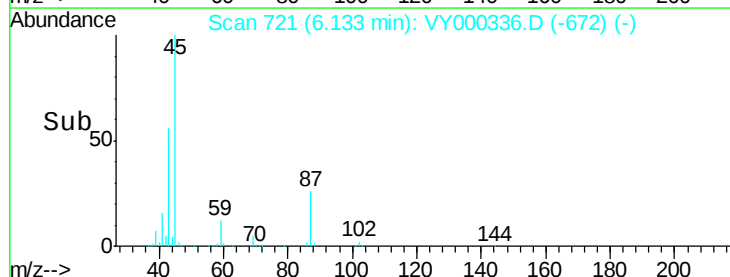
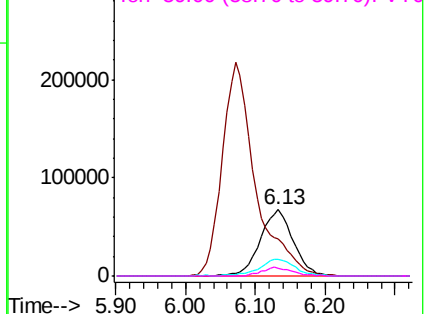
Abundance

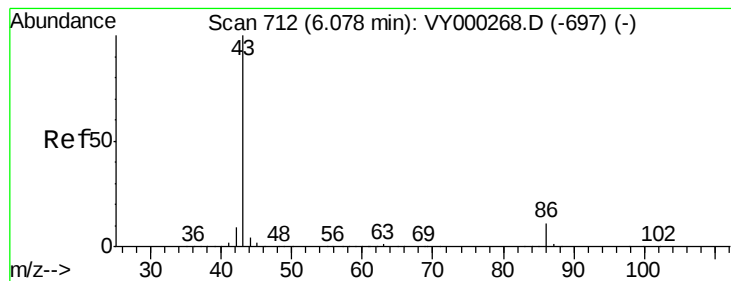
Ion 45.00 (44.70 to 45.70): VY0

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: 107.890 ug/l

RT: 6.07 min Scan# 711

Delta R.T. -0.01 min

Lab File: VY000336.D

Acq: 17 Oct 2019 11:16

Instrument :

MSVOA_Y

ClientSampleId :

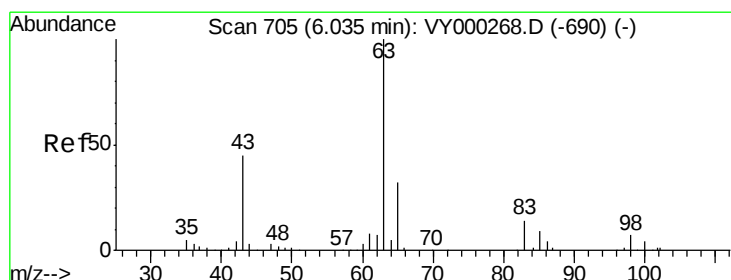
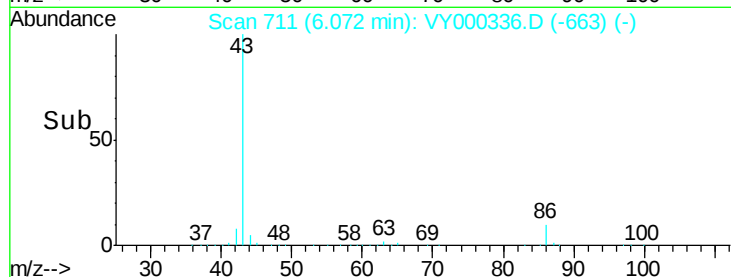
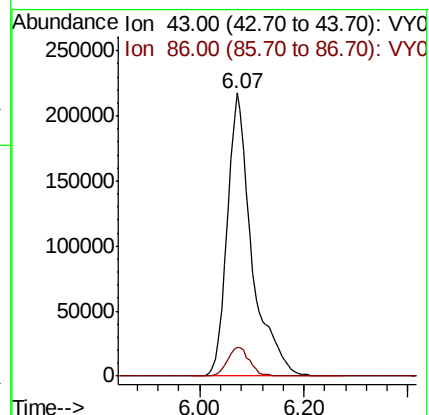
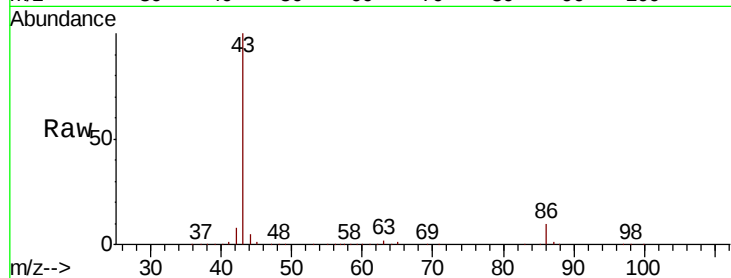
VY1017SBS01

Tot Ion: 43 Resp: 720314

Ion Ratio Lower Upper

43 100

86 10.3 8.6 13.0



#24

1,1-Dichloroethane

Concen: 21.535 ug/l

RT: 6.03 min Scan# 704

Delta R.T. -0.01 min

Lab File: VY000336.D

Acq: 17 Oct 2019 11:16

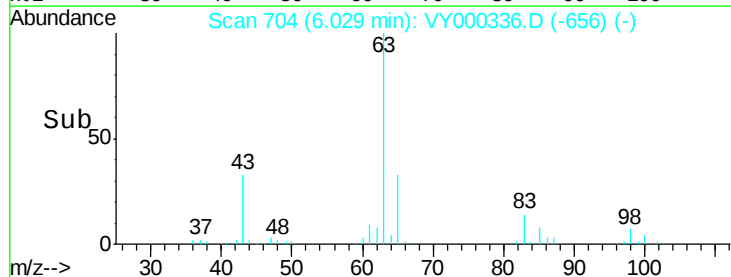
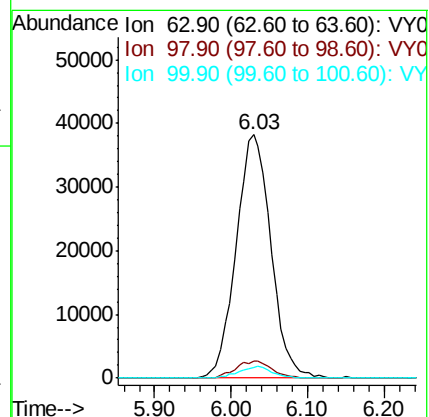
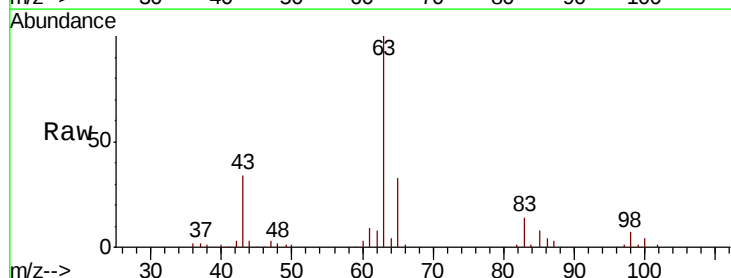
Tgt Ion: 63 Resp: 120294

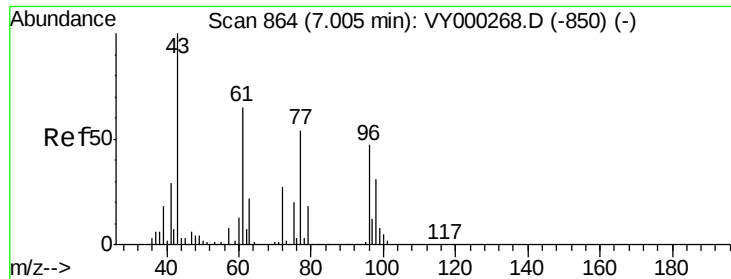
Ion Ratio Lower Upper

63 100

98 7.0 3.5 10.4

100 4.3 2.1 6.2

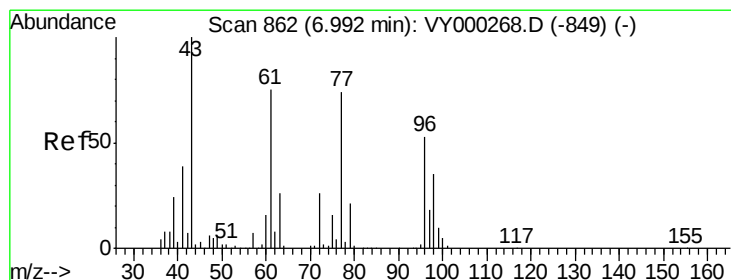
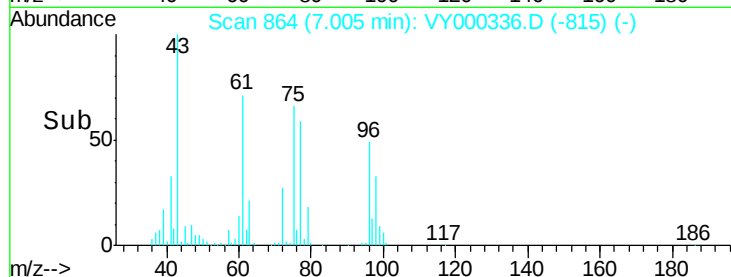
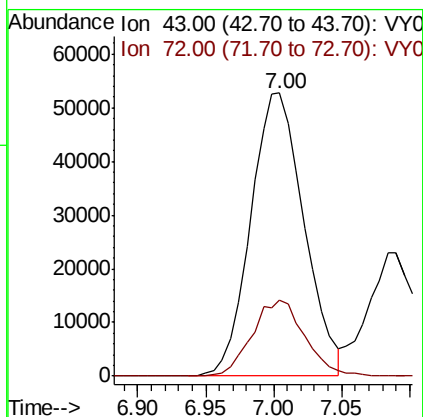
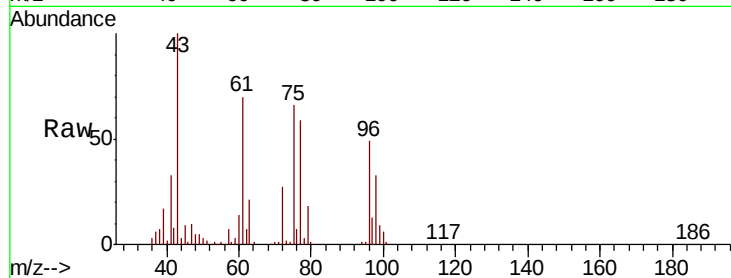




#25
2-Butanone
Concen: 103.850 ug/l
RT: 7.00 min Scan# 864
Delta R.T. 0.00 min
Lab File: VY000336.D
Acq: 17 Oct 2019 11:16

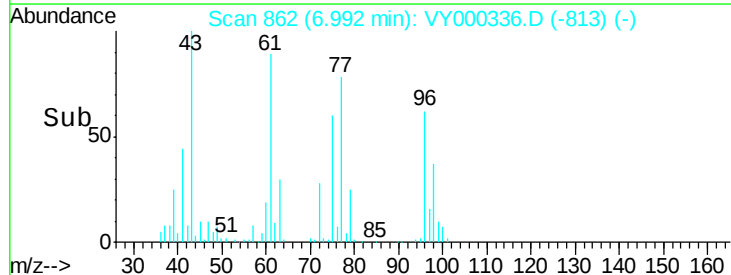
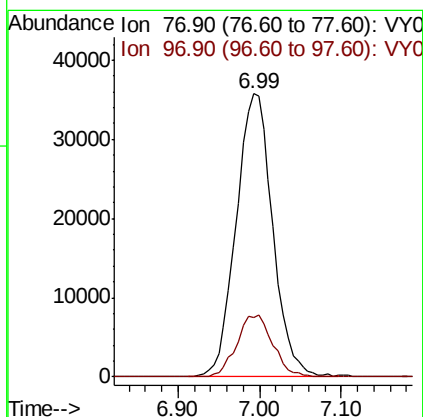
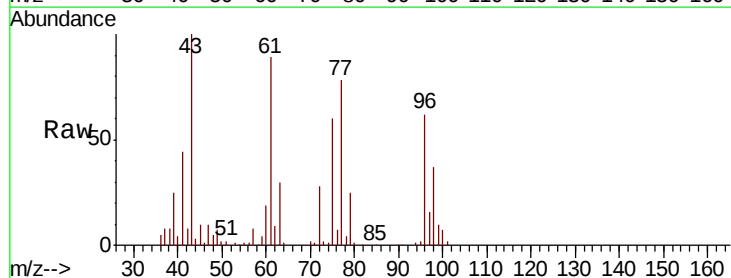
Instrument :
MSVOA_Y
ClientSampleId :
VY1017SBS01

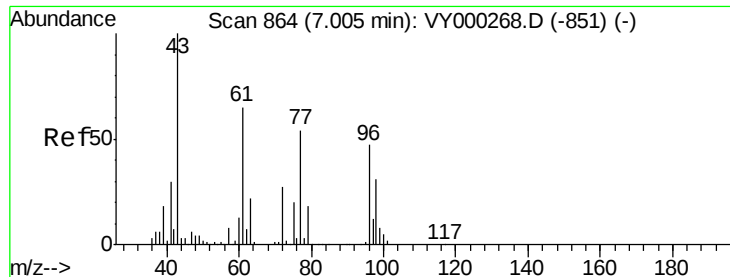
Tot Ion: 43 Resp: 144471
Ion Ratio Lower Upper
43 100
72 26.9 21.4 32.2



#26
2,2-Dichloropropane
Concen: 21.554 ug/l
RT: 6.99 min Scan# 862
Delta R.T. 0.00 min
Lab File: VY000336.D
Acq: 17 Oct 2019 11:16

Tgt Ion: 77 Resp: 110946
Ion Ratio Lower Upper
77 100
97 21.5 11.6 34.7



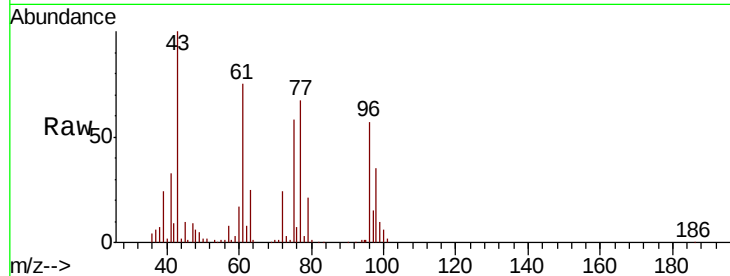


#27

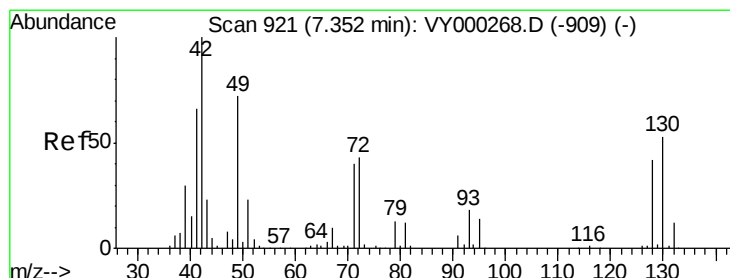
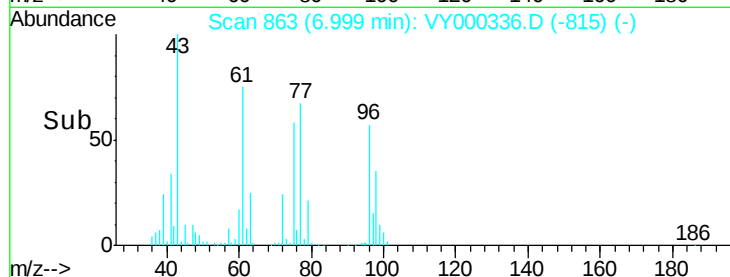
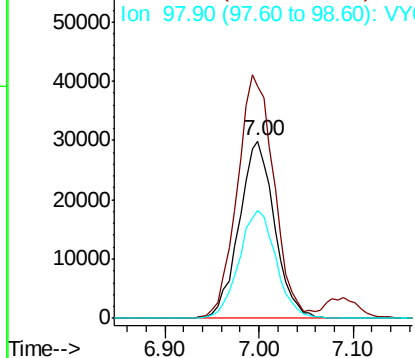
cis-1,2-Dichloroethene
Concen: 21.543 ug/l
RT: 7.00 min Scan# 863
Delta R.T. -0.01 min
Lab File: VY000336.D
Acq: 17 Oct 2019 11:16

Instrument :
MSVOA_Y
ClientSampleId :
VY1017SBS01

Tot Ion: 96 Resp: 78088
Ion Ratio Lower Upper
96 100
61 143.4 0.0 289.8
98 63.7 0.0 131.8



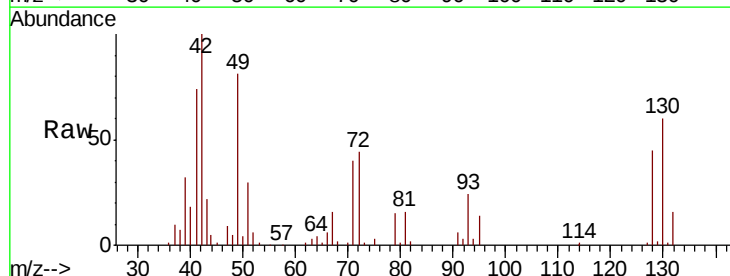
Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



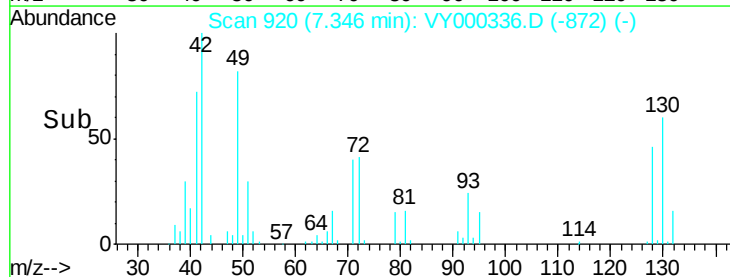
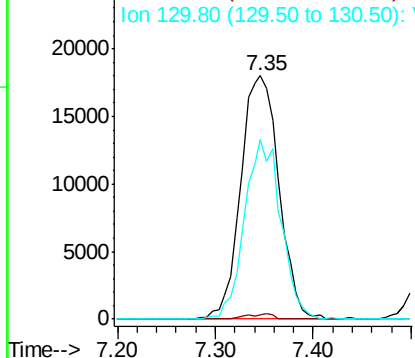
#28

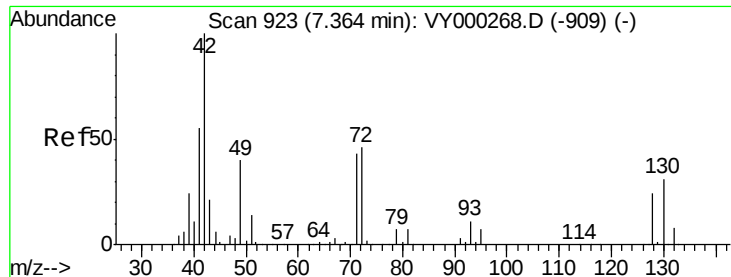
Bromochloromethane
Concen: 20.278 ug/l
RT: 7.35 min Scan# 920
Delta R.T. -0.01 min
Lab File: VY000336.D
Acq: 17 Oct 2019 11:16

Tgt Ion: 49 Resp: 48626
Ion Ratio Lower Upper
49 100
129 1.6 0.0 4.0
130 70.2 58.2 87.2



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

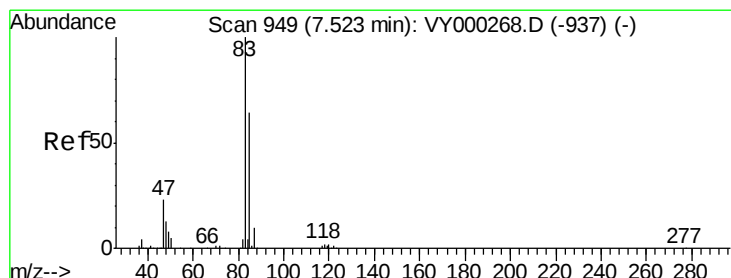
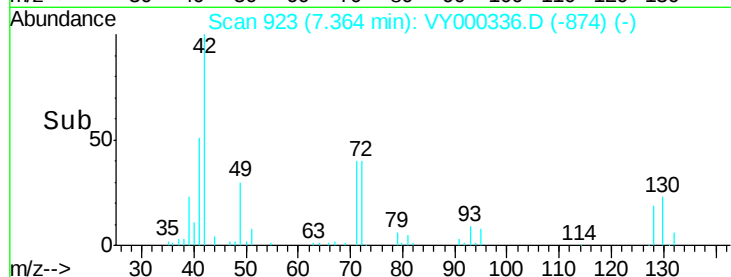
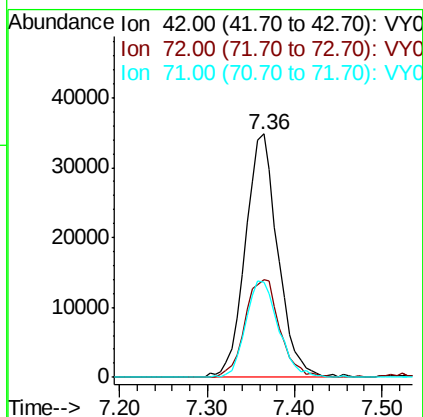
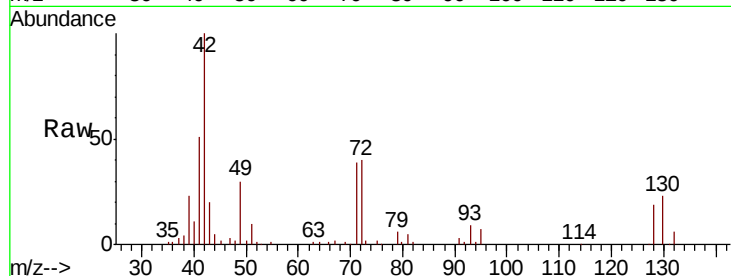




#29
Tetrahydrofuran
Concen: 106.682 ug/l
RT: 7.36 min Scan# 923
Delta R.T. 0.00 min
Lab File: VY000336.D
Acq: 17 Oct 2019 11:16

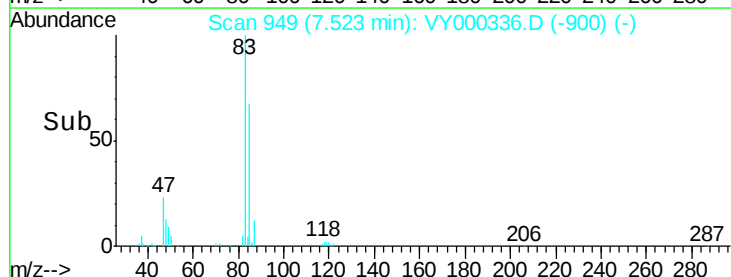
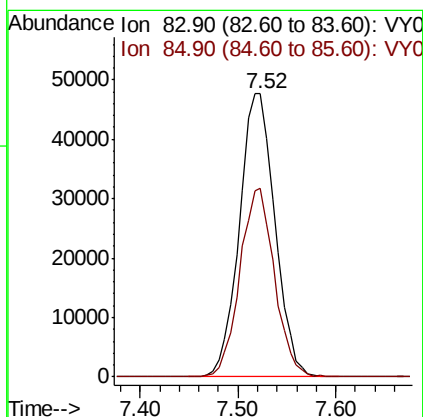
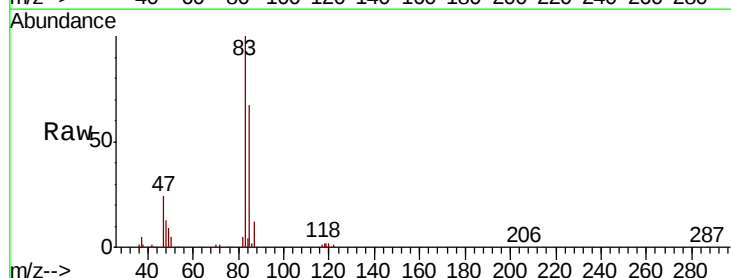
Instrument :
MSVOA_Y
ClientSampleId :
VY1017SBS01

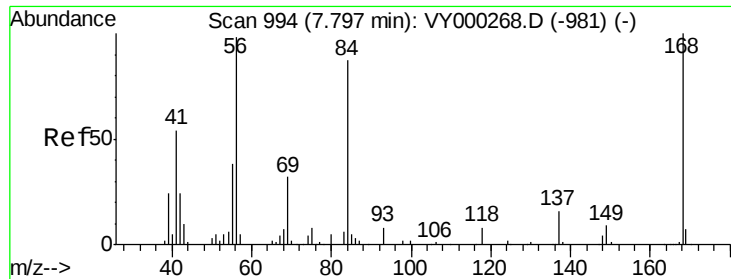
Tot Ion: 42 Resp: 89943
Ion Ratio Lower Upper
42 100
72 43.2 34.5 51.7
71 40.0 32.7 49.1



#30
Chloroform
Concen: 21.355 ug/l
RT: 7.52 min Scan# 949
Delta R.T. 0.00 min
Lab File: VY000336.D
Acq: 17 Oct 2019 11:16

Tgt Ion: 83 Resp: 120134
Ion Ratio Lower Upper
83 100
85 66.6 51.4 77.2

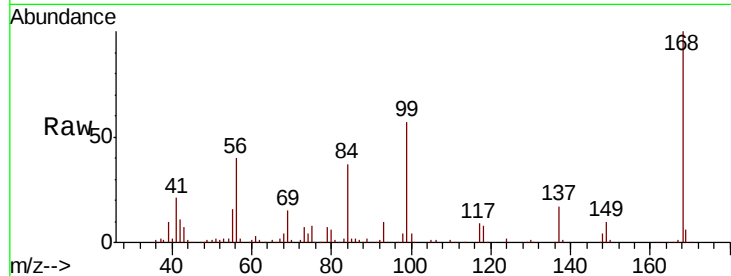




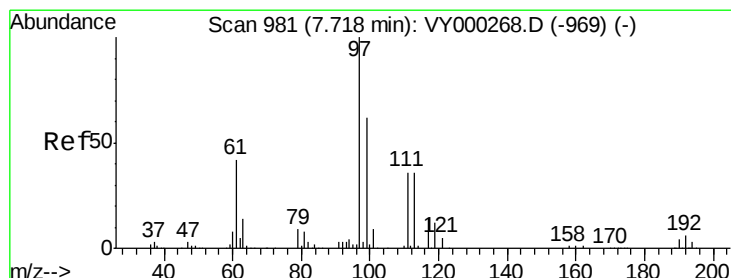
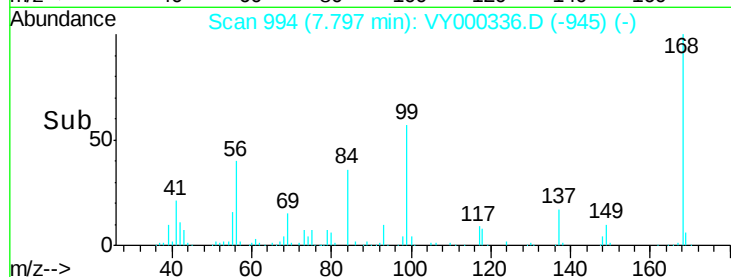
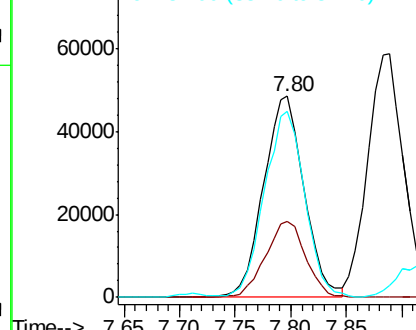
#31
Cyclohexane
Concen: 21.049 ug/l
RT: 7.80 min Scan# 994
Delta R.T. 0.00 min
Lab File: VY000336.D
Acq: 17 Oct 2019 11:16

Instrument :
MSVOA_Y
ClientSampleId :
VY1017SBS01

Tot Ion	56	Resp	122803
Ion Ratio	Lower	Upper	
56	100		
69	37.7	26.3	39.5
84	90.4	70.8	106.2

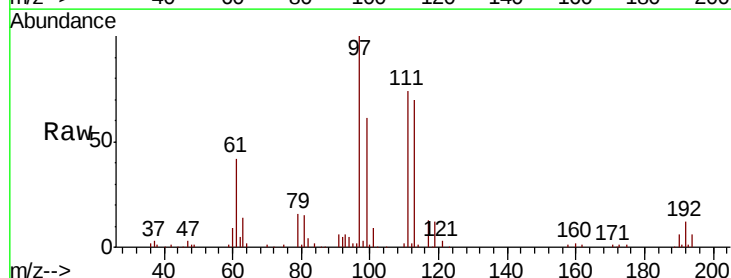


Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0

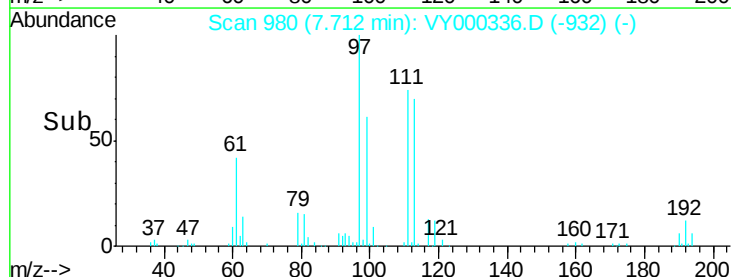
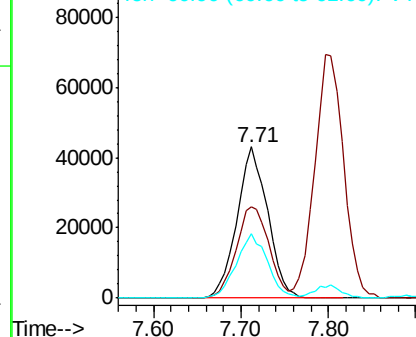


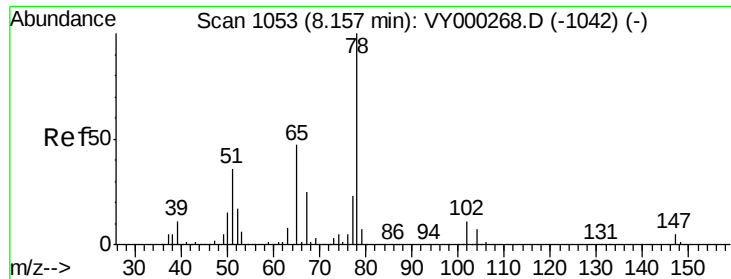
#32
1,1,1-Trichloroethane
Concen: 21.003 ug/l
RT: 7.71 min Scan# 980
Delta R.T. -0.01 min
Lab File: VY000336.D
Acq: 17 Oct 2019 11:16

Tgt Ion	97	Resp	105039
Ion Ratio	Lower	Upper	
97	100		
99	64.7	51.7	77.5
61	43.3	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: 53.330 ug/l

RT: 8.16 min Scan# 1053

Delta R.T. 0.00 min

Lab File: VY000336.D

Acq: 17 Oct 2019 11:16

Instrument :

MSVOA_Y

ClientSampleId :

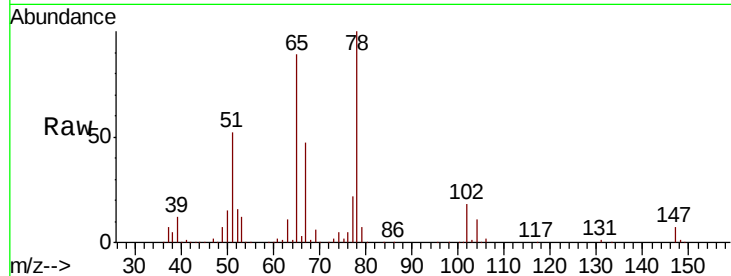
VY1017SBS01

Tot Ion: 65 Resp: 162628

Ion Ratio Lower Upper

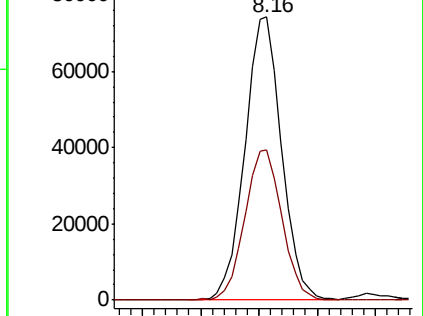
65 100

67 53.7 0.0 109.4

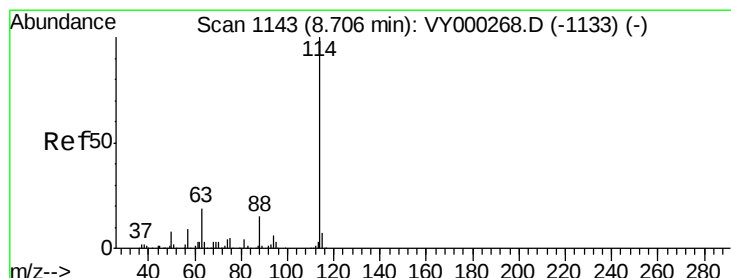
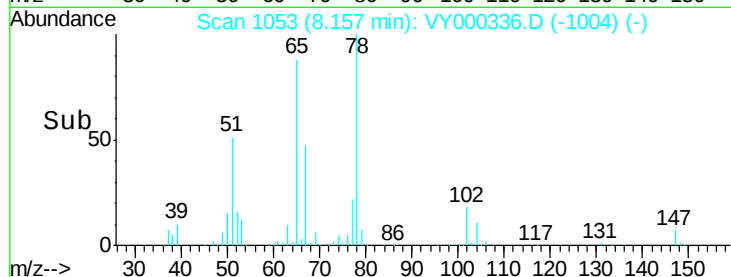


Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0



Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.70 min Scan# 1142

Delta R.T. -0.01 min

Lab File: VY000336.D

Acq: 17 Oct 2019 11:16

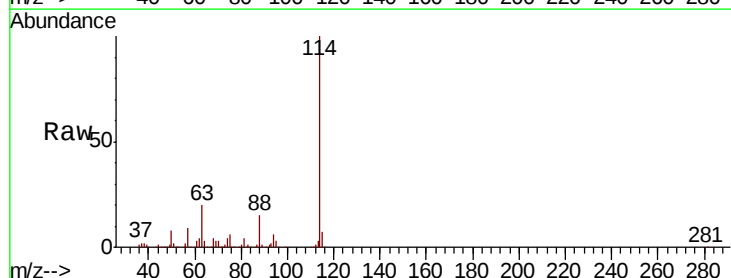
Tgt Ion: 114 Resp: 483132

Ion Ratio Lower Upper

114 100

63 19.5 0.0 37.2

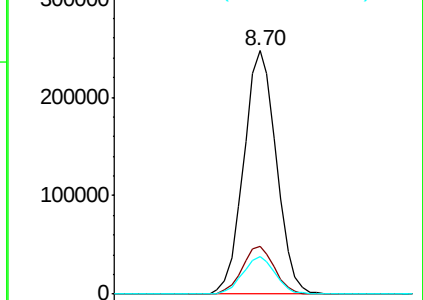
88 15.2 0.0 30.2



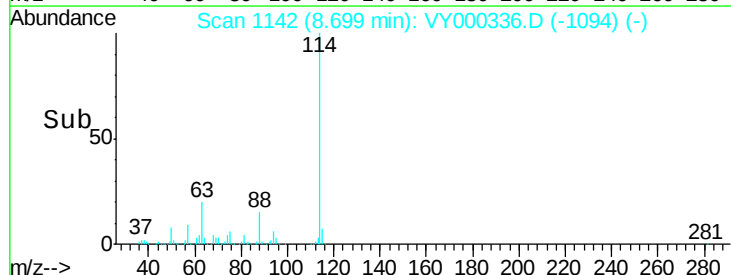
Abundance Ion 113.90 (113.60 to 114.60): V

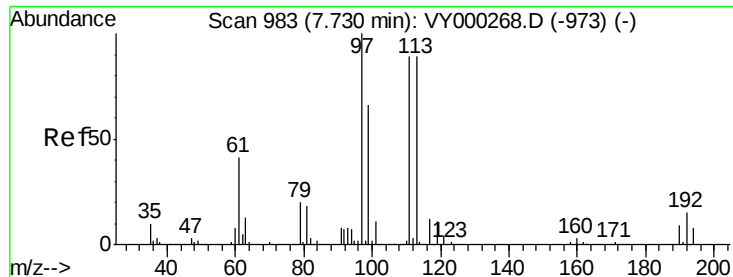
Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0



Time-->

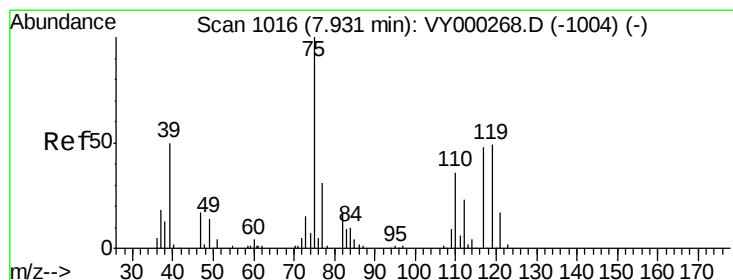
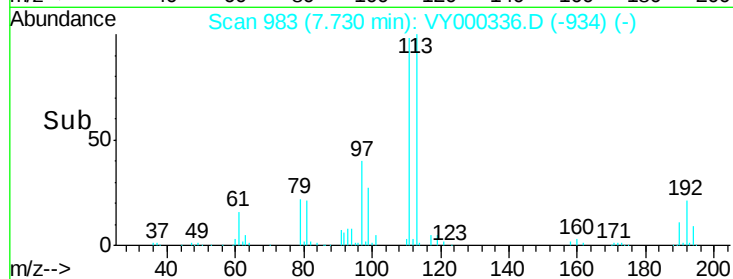
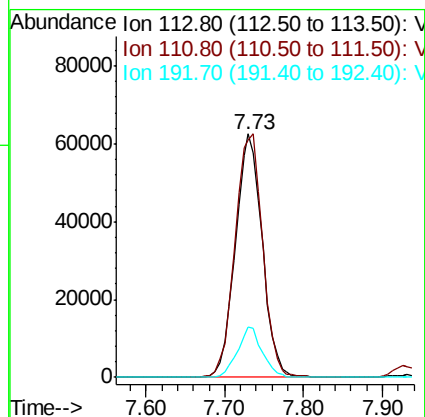
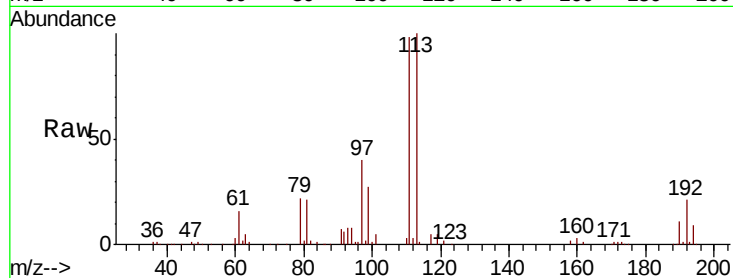




#35
 Dibromofluoromethane
 Concen: 50.730 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. 0.00 min
 Lab File: VY000336.D
 Acq: 17 Oct 2019 11:16

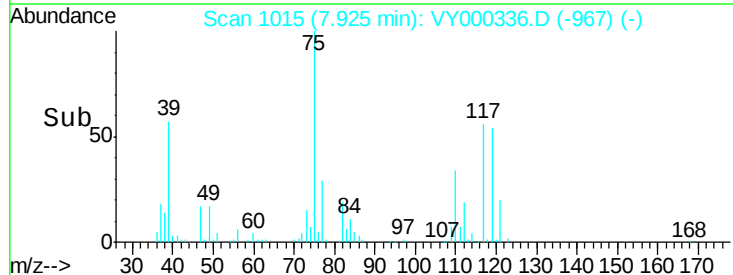
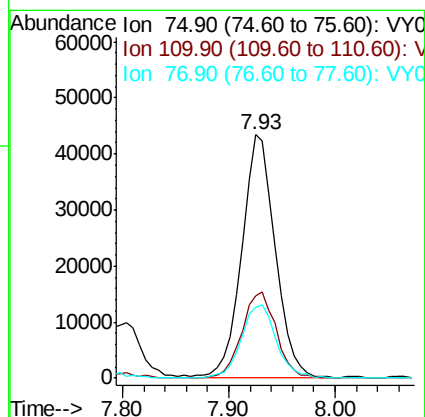
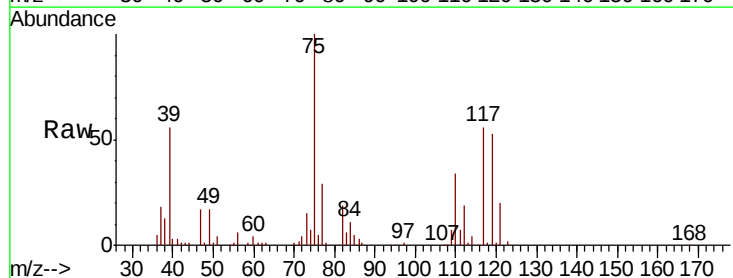
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1017SBS01

Tot Ion:113 Resp: 147842
 Ion Ratio Lower Upper
 113 100
 111 103.1 81.6 122.4
 192 19.2 15.3 22.9



#36
 1,1-Dichloropropene
 Concen: 20.124 ug/l
 RT: 7.93 min Scan# 1015
 Delta R.T. -0.01 min
 Lab File: VY000336.D
 Acq: 17 Oct 2019 11:16

Tgt Ion: 75 Resp: 95190
 Ion Ratio Lower Upper
 75 100
 110 36.5 18.4 55.4
 77 31.8 25.0 37.6

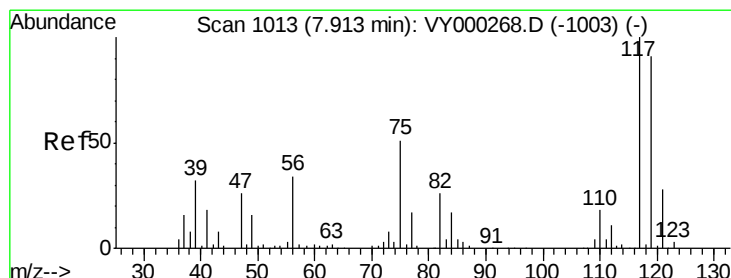
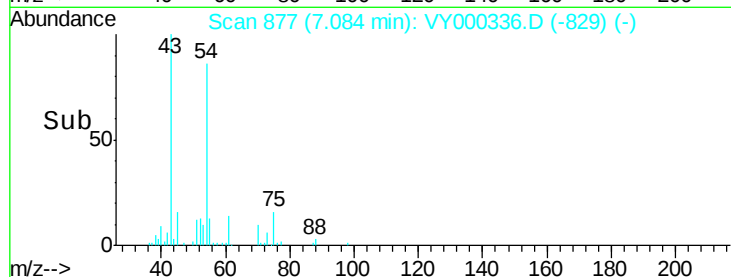
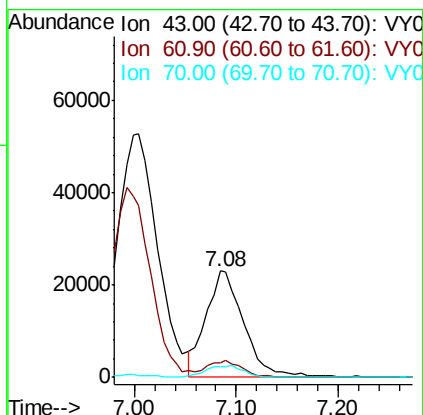
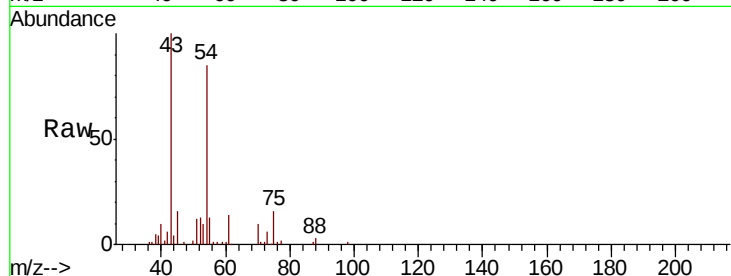




#37
Ethyl Acetate
Concen: 20.948 ug/l
RT: 7.08 min Scan# 877
Delta R.T. -0.01 min
Lab File: VY000336.D
Acq: 17 Oct 2019 11:16

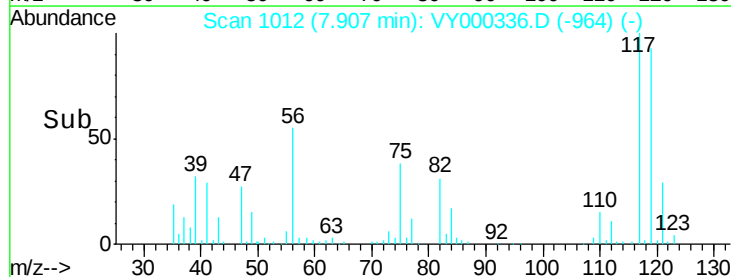
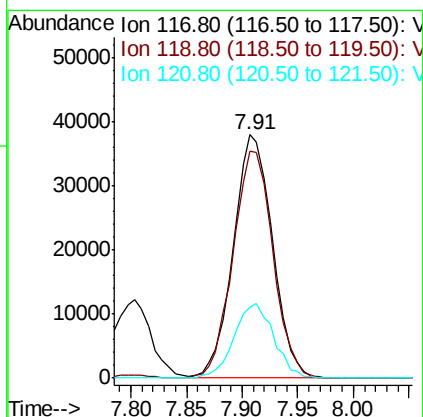
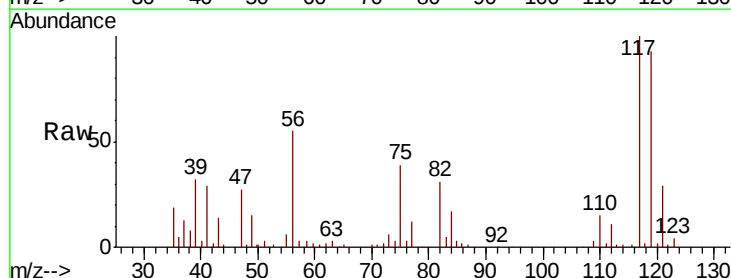
Instrument :
MSVOA_Y
ClientSampled :
VY1017SBS01

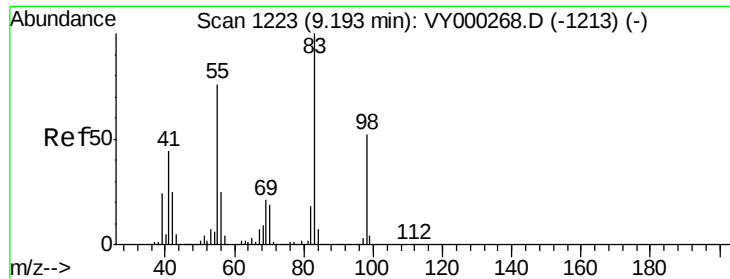
Tot Ion: 43 Resp: 58673
Ion Ratio Lower Upper
43 100
61 14.5 12.1 18.1
70 11.3 8.7 13.1



#38
Carbon Tetrachloride
Concen: 20.276 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.01 min
Lab File: VY000336.D
Acq: 17 Oct 2019 11:16

Tgt Ion: 117 Resp: 92862
Ion Ratio Lower Upper
117 100
119 93.1 72.8 109.2
121 29.1 22.2 33.2

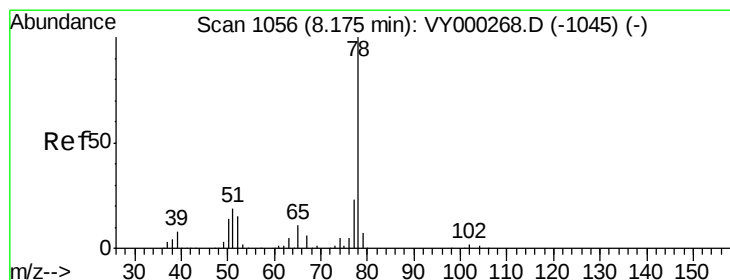
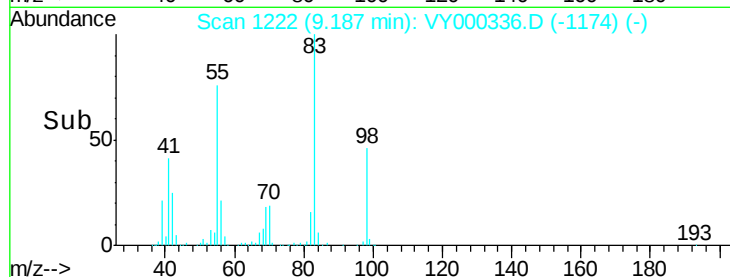
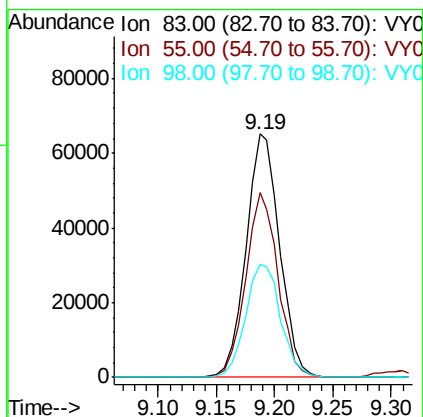
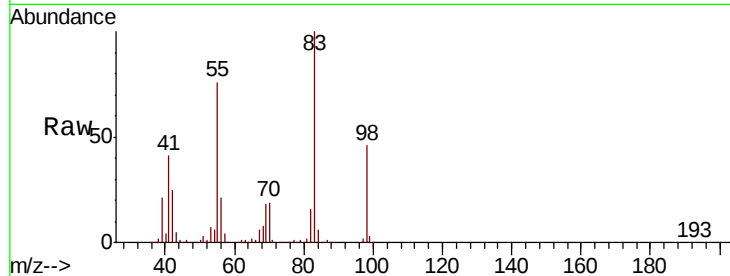




#39
Methvlcvclohexane
Concen: 21.097 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.01 min
Lab File: VY000336.D
Acq: 17 Oct 2019 11:16

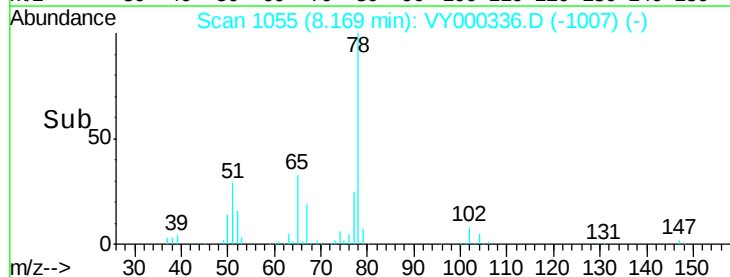
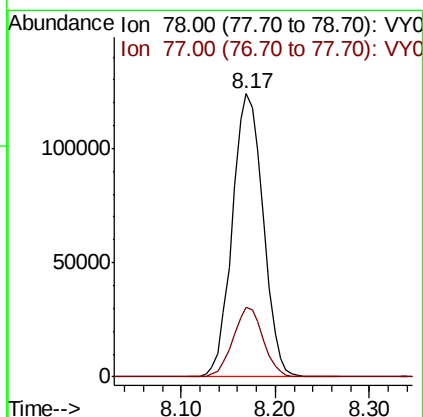
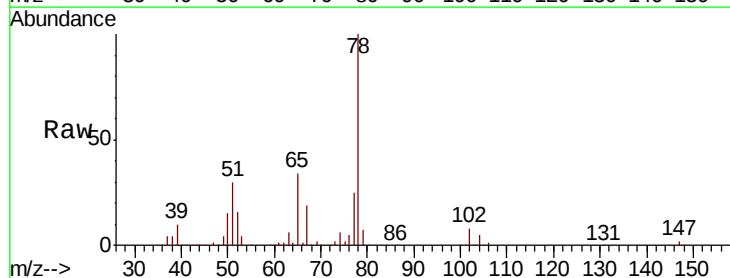
Instrument :
MSVOA_Y
ClientSampleId :
VY1017SBS01

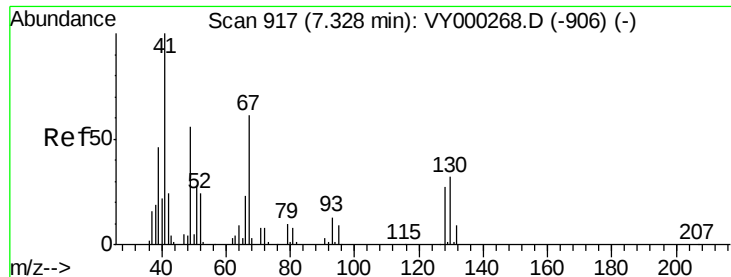
Tot Ion: 83 Resp: 130612
Ion Ratio Lower Upper
83 100
55 75.7 60.9 91.3
98 46.2 41.8 62.6



#40
Benzene
Concen: 20.577 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. -0.01 min
Lab File: VY000336.D
Acq: 17 Oct 2019 11:16

Tgt Ion: 78 Resp: 281278
Ion Ratio Lower Upper
78 100
77 24.7 18.8 28.2

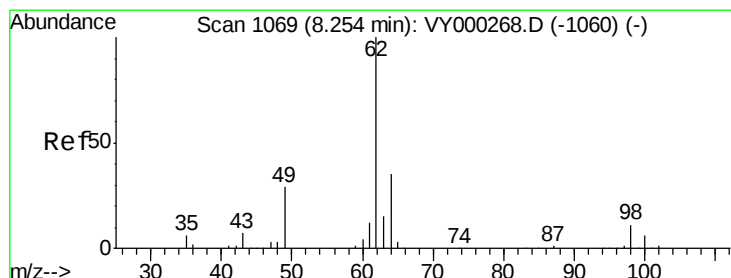
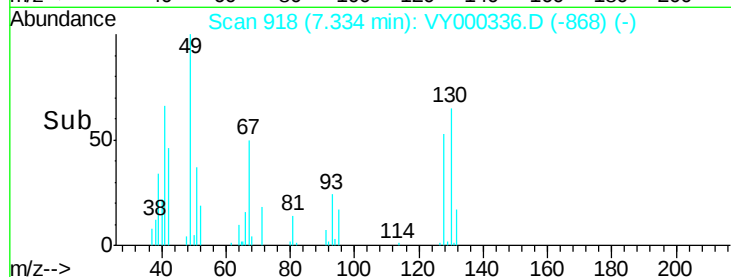
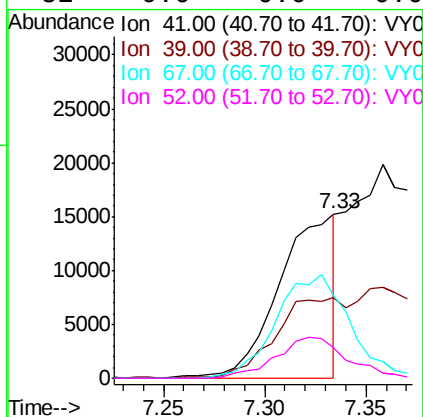
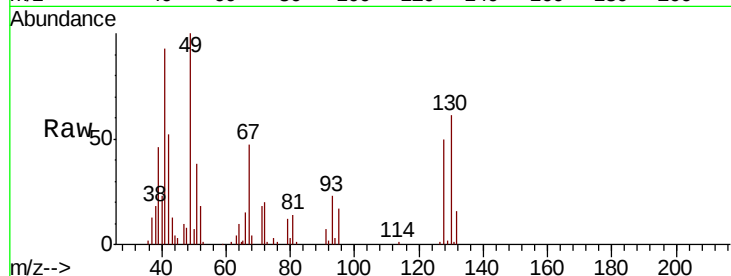




#41
Methacrylonitrile
Concen: 22.408 ug/l m
RT: 7.33 min Scan# 918
Delta R.T. 0.01 min
Lab File: VY000336.D
Acq: 17 Oct 2019 11:16

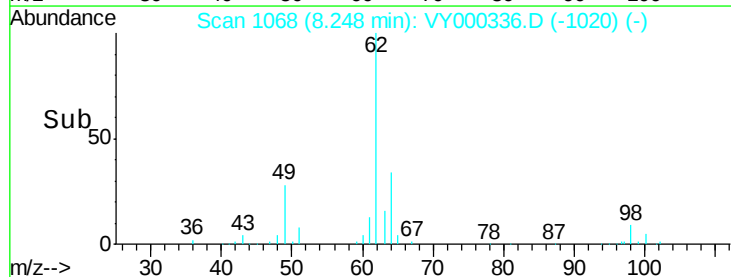
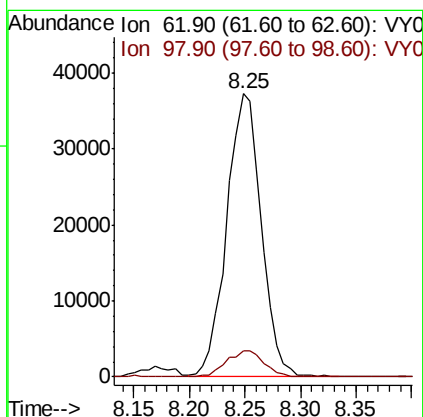
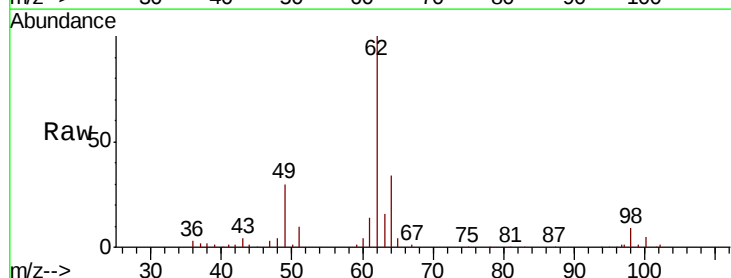
Instrument :
MSVOA_Y
ClientSampleId :
VY1017SBS01

Tot Ion: 41 Resp: 29874
Ion Ratio Lower Upper
41 100
39 57.4 110.2 165.2#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 20.535 ug/l
RT: 8.25 min Scan# 1068
Delta R.T. -0.01 min
Lab File: VY000336.D
Acq: 17 Oct 2019 11:16

Tgt Ion: 62 Resp: 80185
Ion Ratio Lower Upper
62 100
98 10.1 0.0 20.6





#43

Isopropyl Acetate

Concen: 20.989 ug/l

RT: 8.28 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VY000336.D

Acq: 17 Oct 2019 11:16

Instrument :

MSVOA_Y

ClientSampleId :

VY1017SBS01

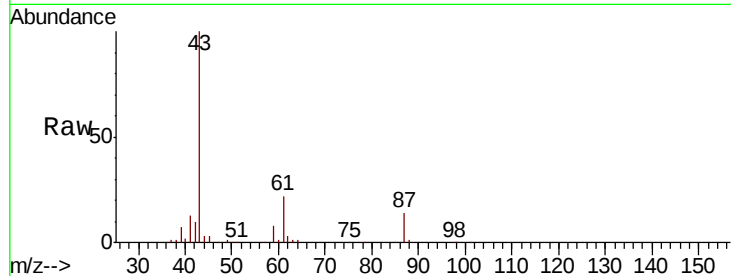
Tot Ion: 43 Resp: 111779

Ion Ratio Lower Upper

43 100

61 30.0 22.3 33.5

87 13.4 10.9 16.3

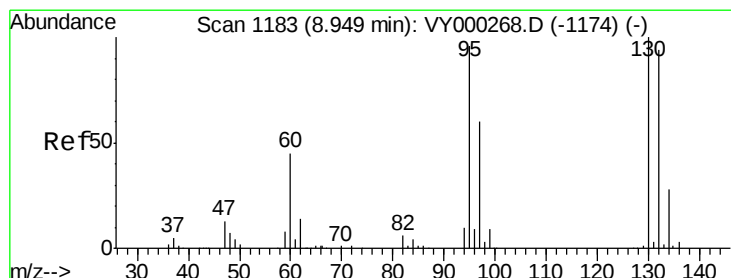
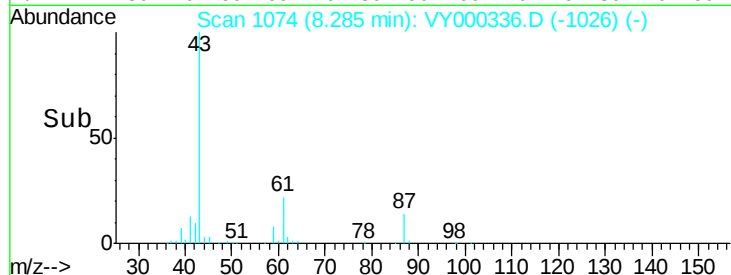


Abundance Ion 43.00 (42.70 to 43.70): VY000336.D (-1074) (-)

Ion 61.00 (60.70 to 61.70): VY000336.D (-1074) (-)

Ion 87.00 (86.70 to 87.70): VY000336.D (-1074) (-)

Time-->



#44

Trichloroethene

Concen: 20.133 ug/l

RT: 8.95 min Scan# 1183

Delta R.T. 0.00 min

Lab File: VY000336.D

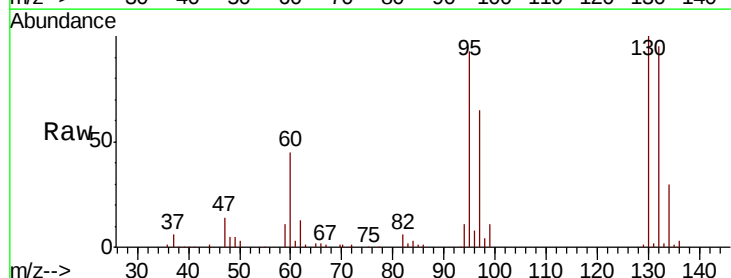
Acq: 17 Oct 2019 11:16

Tgt Ion: 130 Resp: 77221

Ion Ratio Lower Upper

130 100

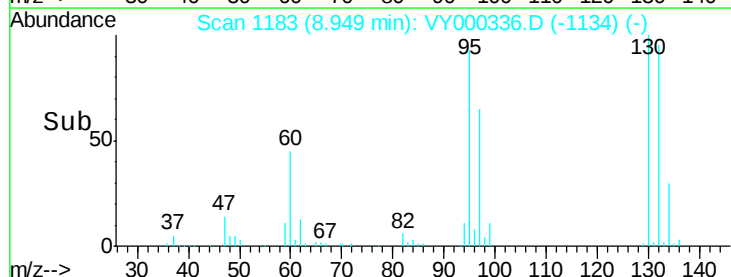
95 93.1 0.0 191.4

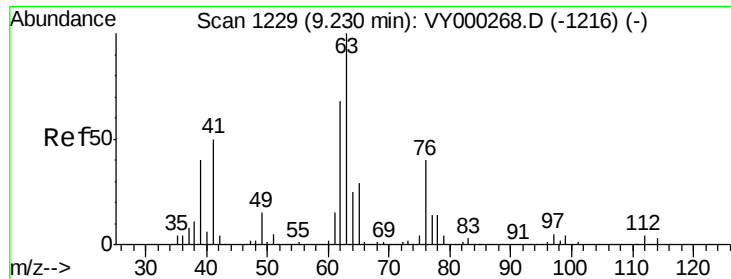


Abundance Ion 129.80 (129.50 to 130.50): VY000336.D (-1183) (-)

Ion 94.90 (94.60 to 95.60): VY000336.D (-1183) (-)

Time-->

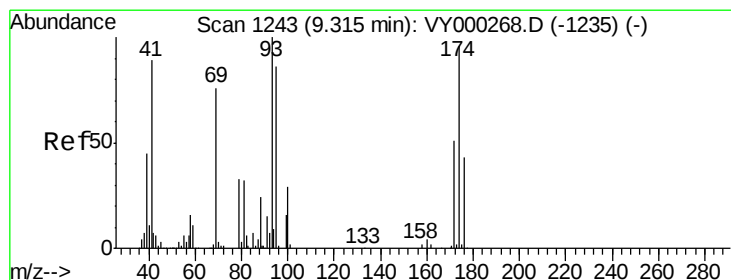
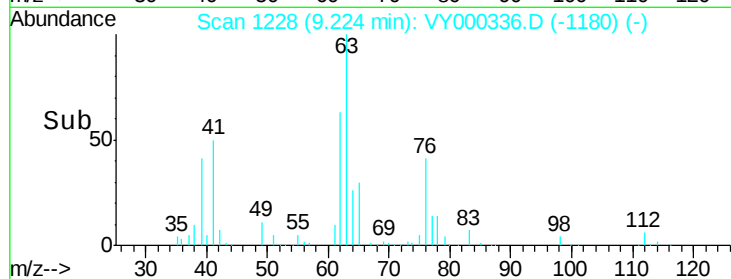
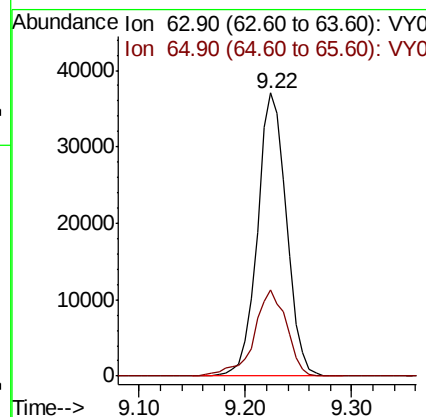
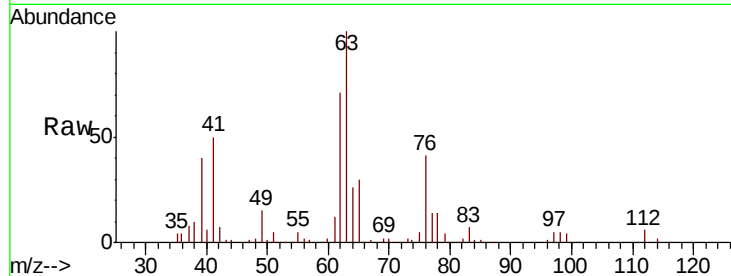




#45
 1,2-Dichloropropane
 Concen: 21.115 ug/l
 RT: 9.22 min Scan# 1228
 Delta R.T. -0.01 min
 Lab File: VY000336.D
 Acq: 17 Oct 2019 11:16

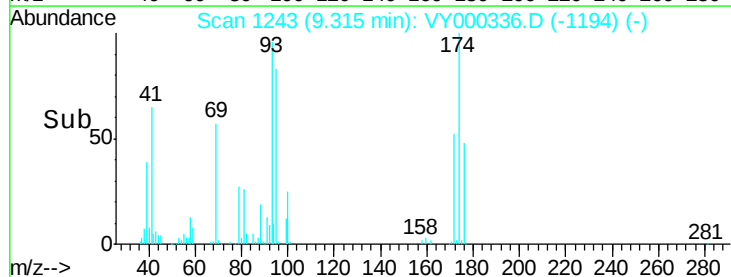
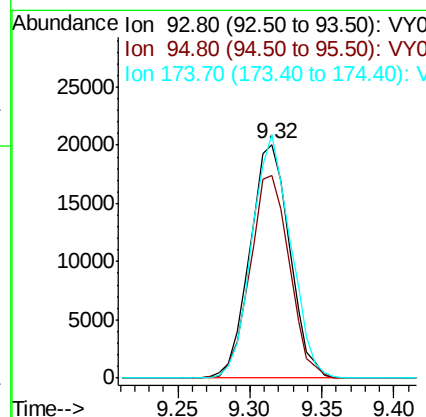
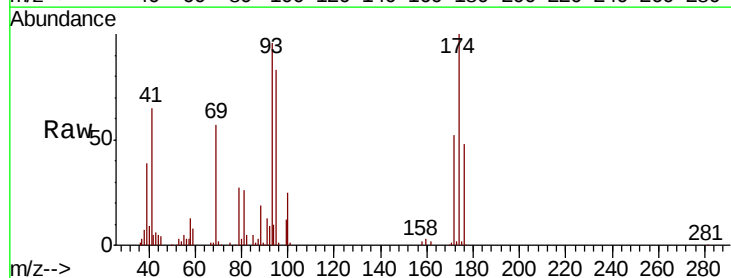
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1017SBS01

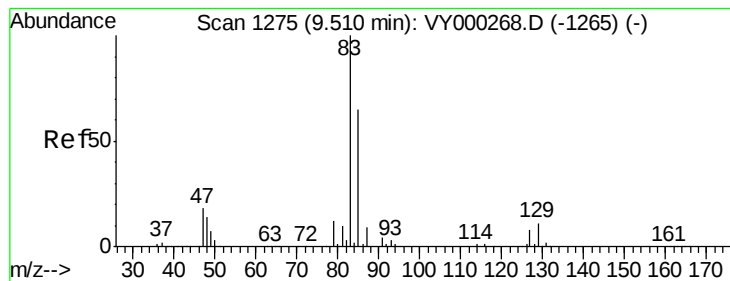
Tot Ion: 63 Resp: 70831
 Ion Ratio Lower Upper
 63 100
 65 30.4 23.2 34.8



#46
 Dibromomethane
 Concen: 20.367 ug/l
 RT: 9.32 min Scan# 1243
 Delta R.T. 0.00 min
 Lab File: VY000336.D
 Acq: 17 Oct 2019 11:16

Tgt Ion: 93 Resp: 38194
 Ion Ratio Lower Upper
 93 100
 95 86.0 68.2 102.2
 174 101.5 79.8 119.6





#47

Bromodichloromethane

Concen: 21.101 ug/l

RT: 9.50 min Scan# 1274

Delta R.T. -0.01 min

Lab File: VY000336.D

Acq: 17 Oct 2019 11:16

Instrument :

MSVOA_Y

ClientSampleId :

VY1017SBS01

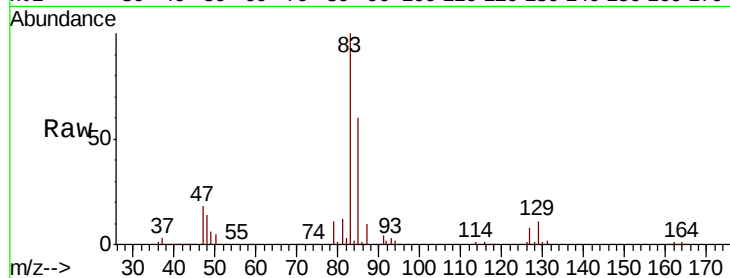
Tot Ion: 83 Resp: 93256

Ion Ratio Lower Upper

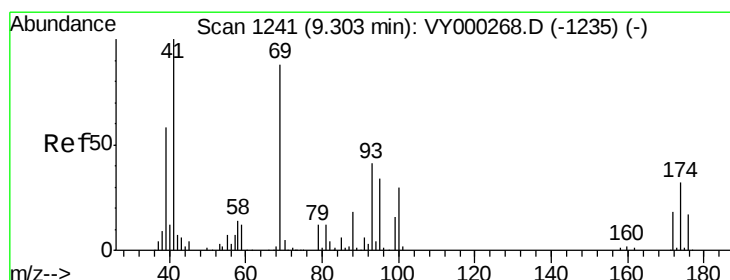
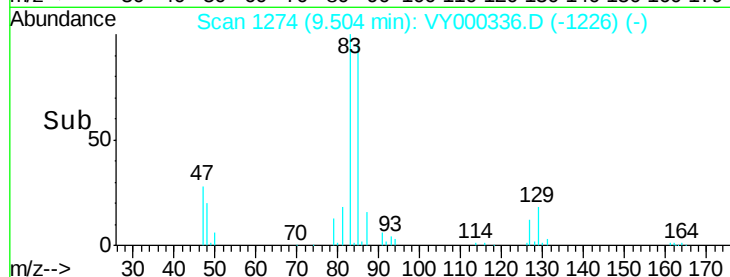
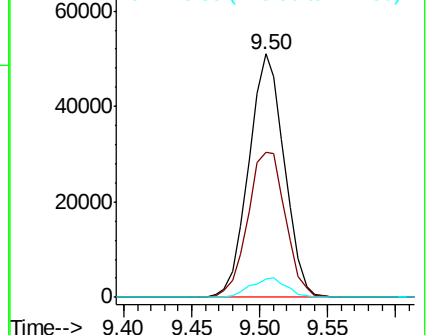
83 100

85 59.5 52.2 78.2

127 7.7 6.3 9.5



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



#48

Methyl methacrylate

Concen: 21.361 ug/l

RT: 9.30 min Scan# 1241

Delta R.T. 0.00 min

Lab File: VY000336.D

Acq: 17 Oct 2019 11:16

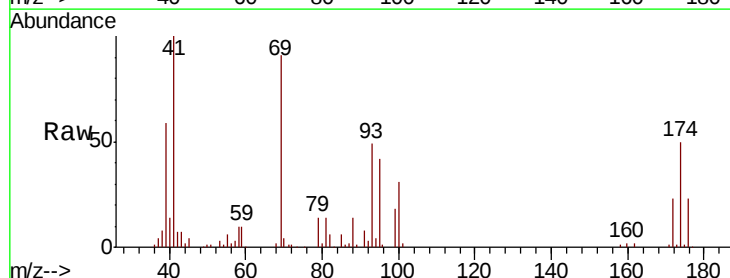
Tgt Ion: 41 Resp: 49855

Ion Ratio Lower Upper

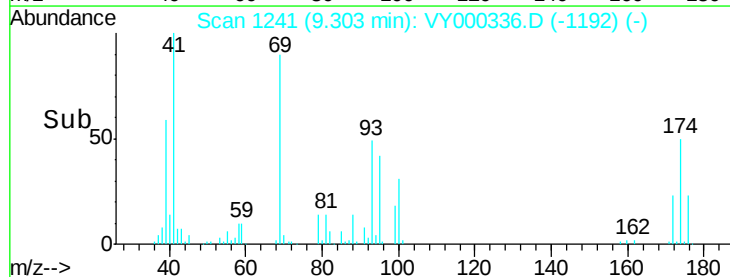
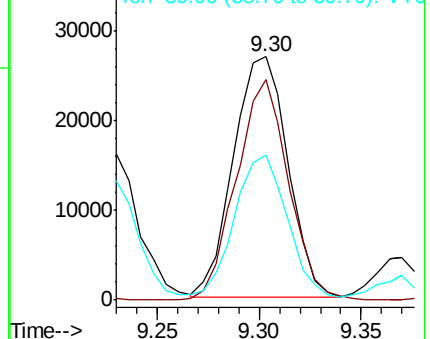
41 100

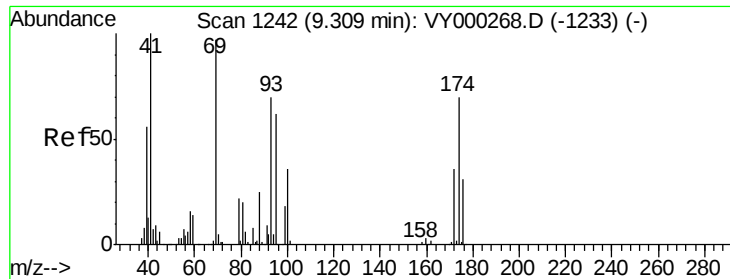
69 87.9 70.0 105.0

39 56.1 47.7 71.5



Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 39.00 (38.70 to 39.70): VY0

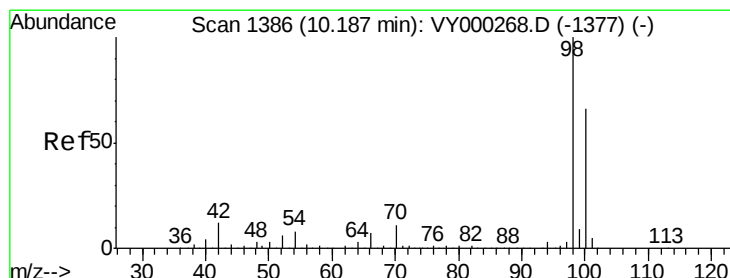
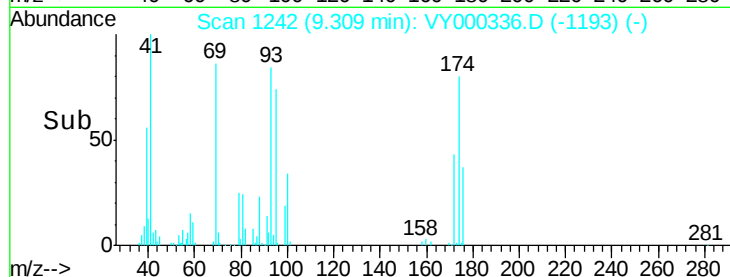
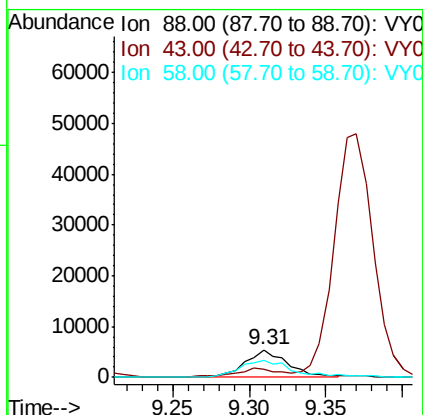
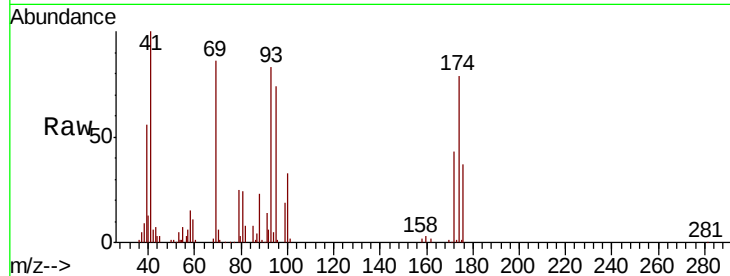




#49
1,4-Dioxane
Concen: 369.700 ug/l
RT: 9.31 min Scan# 1242
Delta R.T. 0.00 min
Lab File: VY000336.D
Acq: 17 Oct 2019 11:16

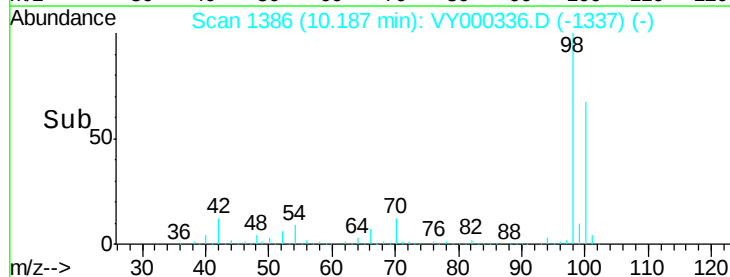
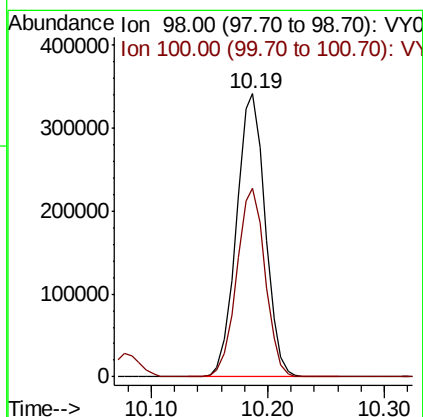
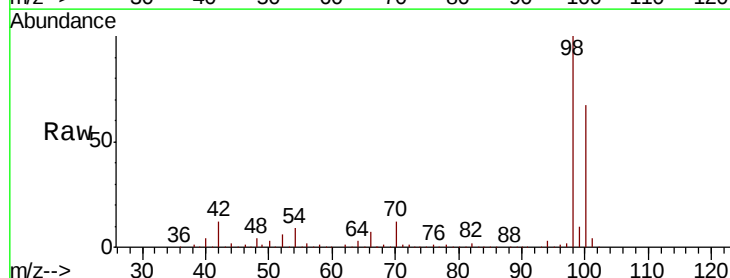
Instrument :
MSVOA_Y
ClientSampleId :
VY1017SBS01

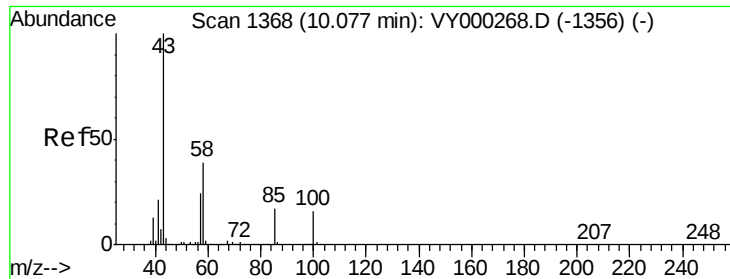
Tot Ion: 88 Resp: 10395
Ion Ratio Lower Upper
88 100
43 33.8 25.6 38.4
58 80.1 54.6 81.8



#50
Toluene-d8
Concen: 52.341 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. 0.00 min
Lab File: VY000336.D
Acq: 17 Oct 2019 11:16

Tgt Ion: 98 Resp: 586776
Ion Ratio Lower Upper
98 100
100 65.9 52.8 79.2

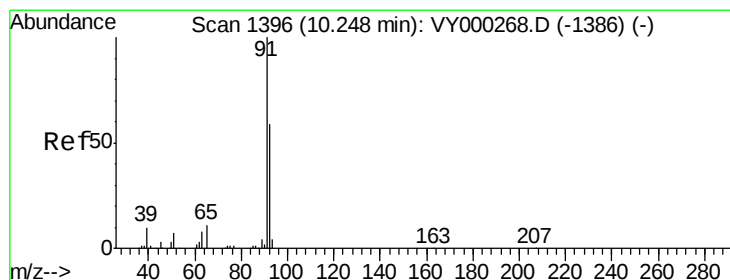
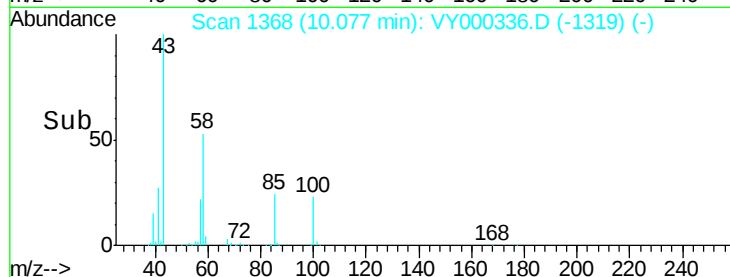
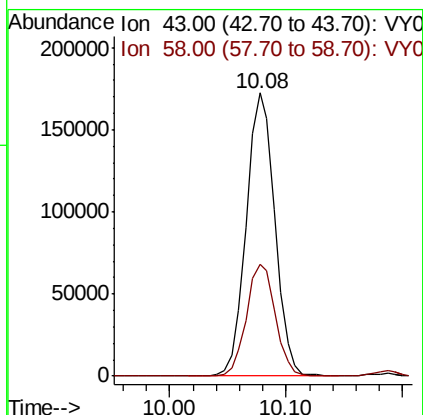
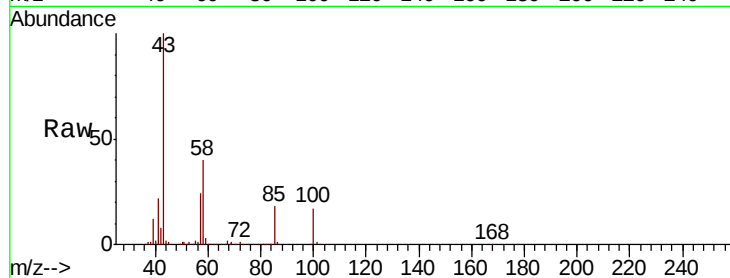




#51
4-Methyl-2-Pentanone
Concen: 107.600 ug/l
RT: 10.08 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VY000336.D
Acq: 17 Oct 2019 11:16

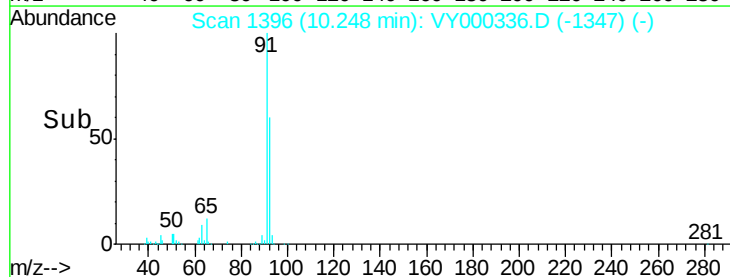
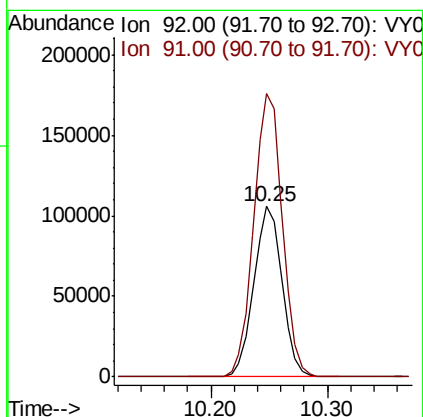
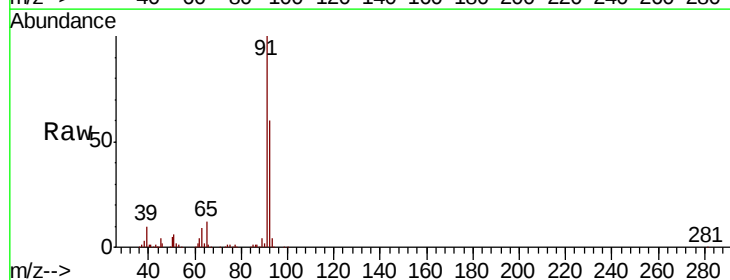
Instrument :
MSVOA_Y
ClientSampleId :
VY1017SBS01

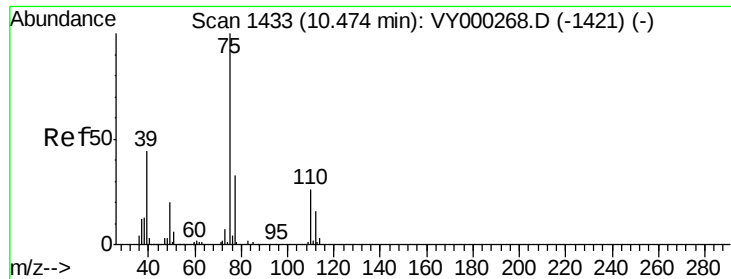
Tot Ion: 43 Resp: 295554
Ion Ratio Lower Upper
43 100
58 40.0 31.0 46.6



#52
Toluene
Concen: 20.669 ug/l
RT: 10.25 min Scan# 1396
Delta R.T. 0.00 min
Lab File: VY000336.D
Acq: 17 Oct 2019 11:16

Tgt Ion: 92 Resp: 179385
Ion Ratio Lower Upper
92 100
91 168.2 136.6 205.0





#53

t-1,3-Dichloropropene

Concen: 21.337 ug/l

RT: 10.47 min Scan# 1433

Delta R.T. 0.00 min

Lab File: VY000336.D

Acq: 17 Oct 2019 11:16

Instrument :

MSVOA_Y

ClientSampleId :

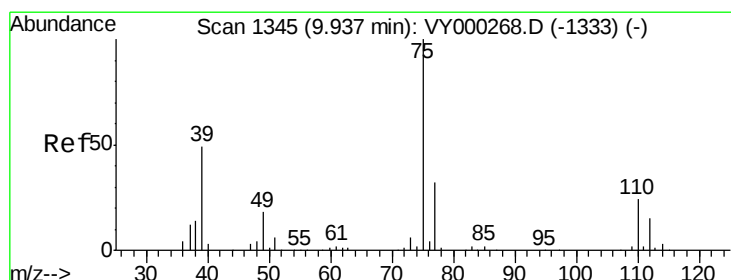
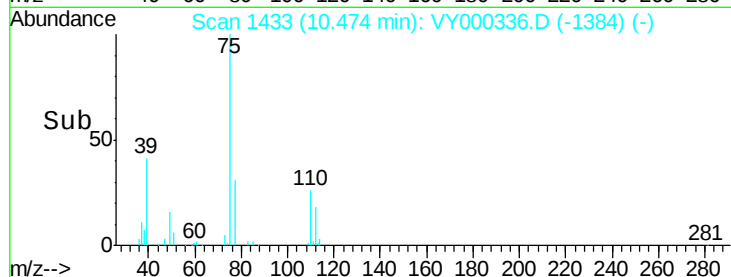
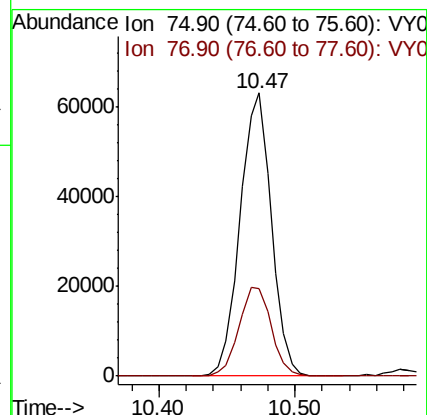
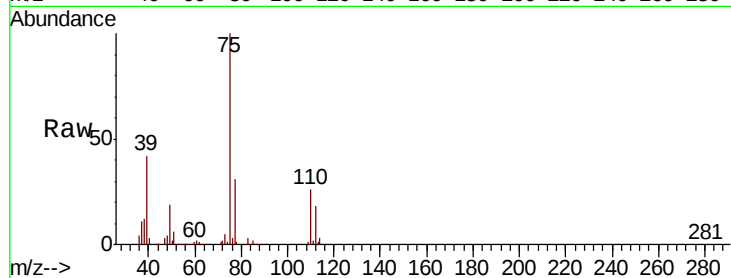
VY1017SBS01

Tot Ion: 75 Resp: 101059

Ion Ratio Lower Upper

75 100

77 30.7 26.0 39.0



#54

cis-1,3-Dichloropropene

Concen: 21.125 ug/l

RT: 9.94 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VY000336.D

Acq: 17 Oct 2019 11:16

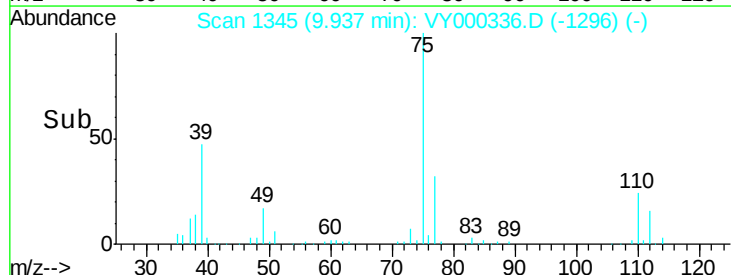
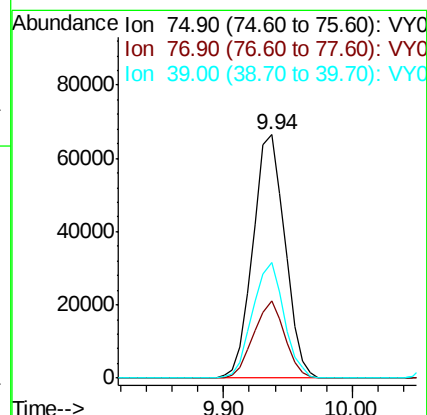
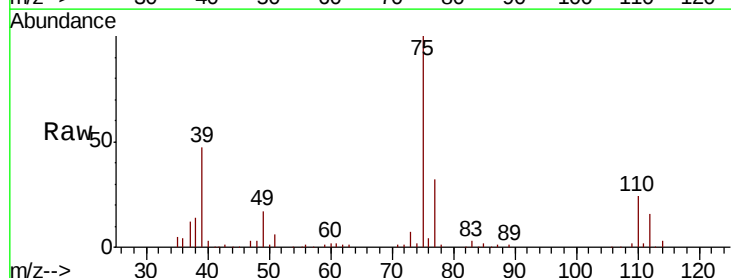
Tgt Ion: 75 Resp: 113628

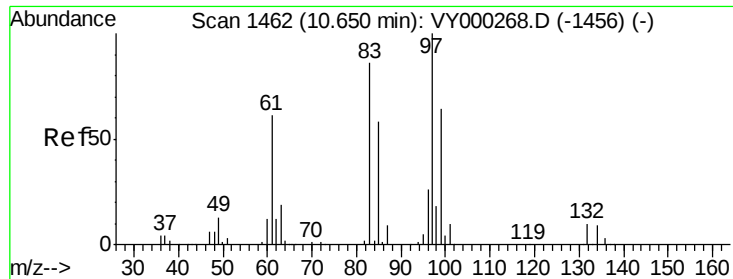
Ion Ratio Lower Upper

75 100

77 31.8 26.0 39.0

39 47.3 38.8 58.2

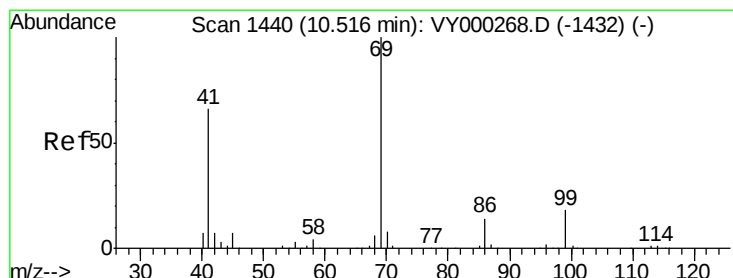
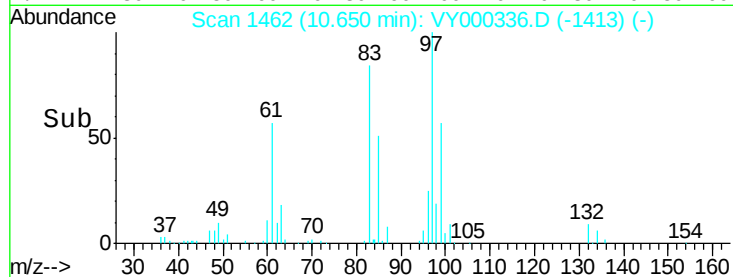
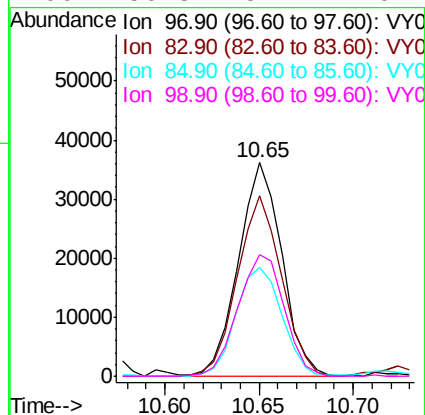
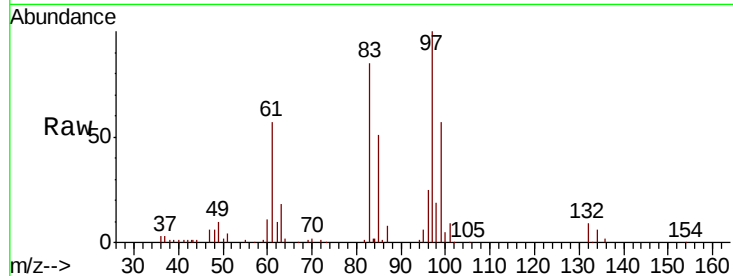




#55
 1,1,2-Trichloroethane
 Concen: 21.064 ug/l
 RT: 10.65 min Scan# 1462
 Delta R.T. 0.00 min
 Lab File: VY000336.D
 Acq: 17 Oct 2019 11:16

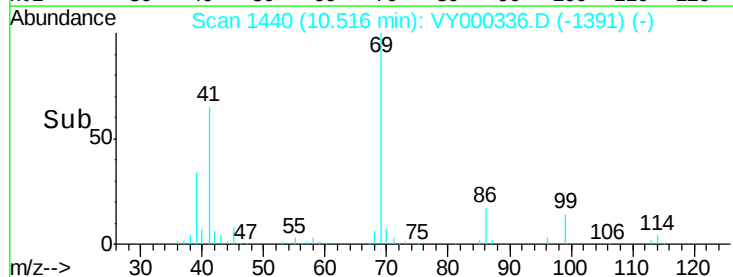
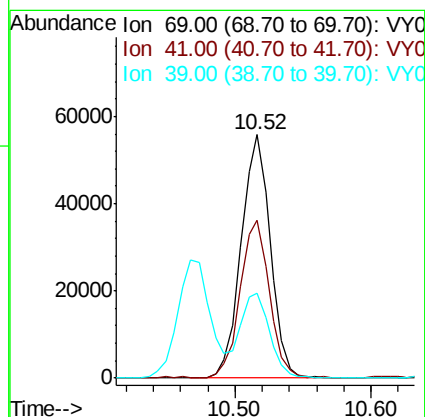
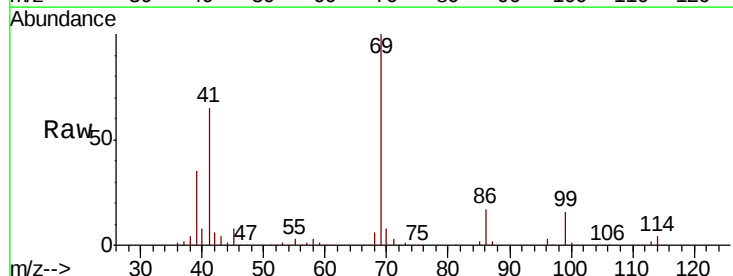
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1017SBS01

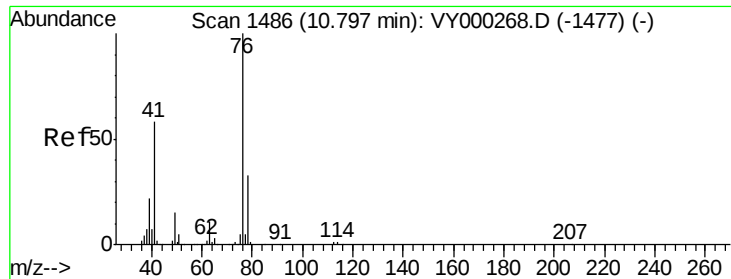
Tot Ion: 97 Resp: 57432
 Ion Ratio Lower Upper
 97 100
 83 84.6 69.0 103.6
 85 50.9 46.2 69.4
 99 56.8 51.1 76.7



#56
 Ethyl methacrylate
 Concen: 21.465 ug/l
 RT: 10.52 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: VY000336.D
 Acq: 17 Oct 2019 11:16

Tgt Ion: 69 Resp: 83421
 Ion Ratio Lower Upper
 69 100
 41 64.8 52.5 78.7
 39 35.7 26.7 40.1

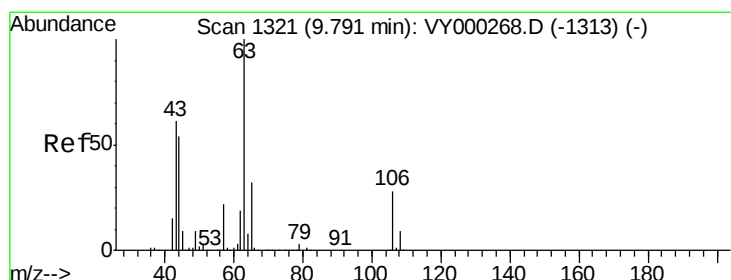
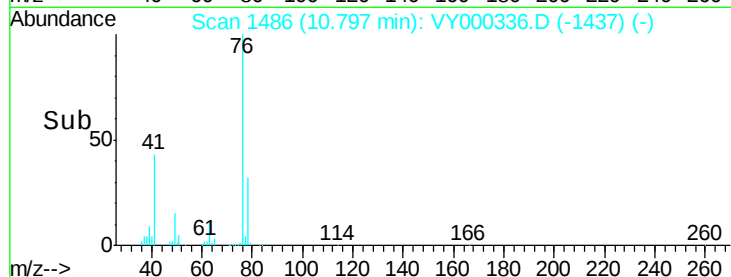
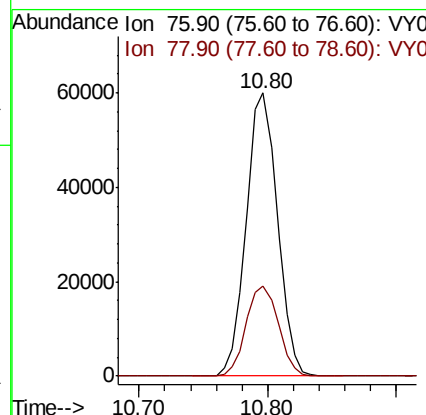
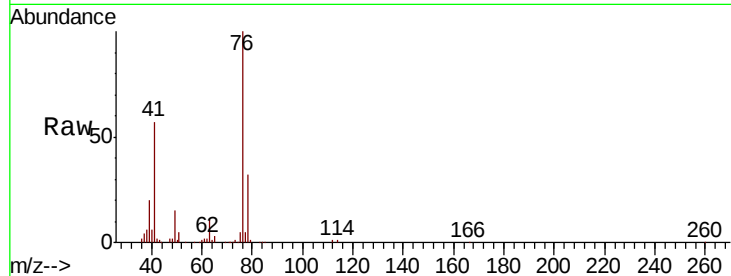




#57
 1,3-Dichloropropane
 Concen: 21.382 ug/l
 RT: 10.80 min Scan# 1486
 Delta R.T. 0.00 min
 Lab File: VY000336.D
 Acq: 17 Oct 2019 11:16

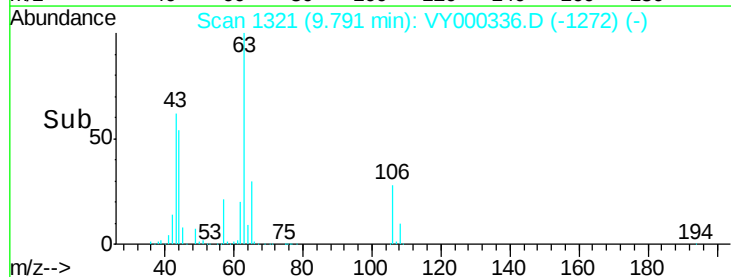
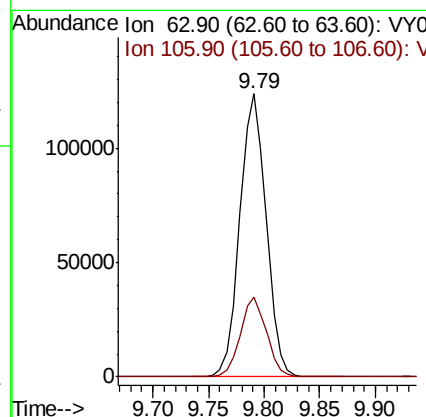
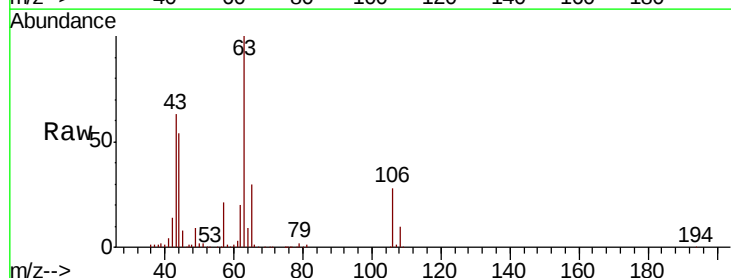
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1017SBS01

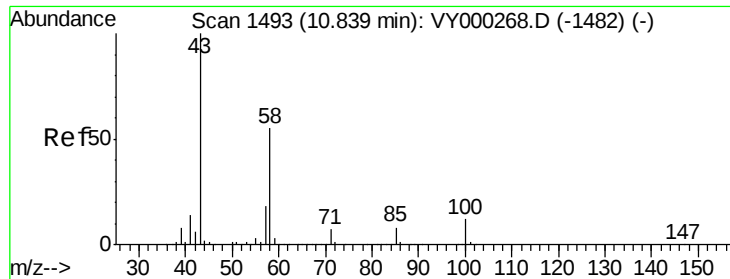
Tot Ion: 76 Resp: 100124
 Ion Ratio Lower Upper
 76 100
 78 33.3 26.2 39.2



#58
 2-Chloroethyl Vinyl ether
 Concen: 130.566 ug/l
 RT: 9.79 min Scan# 1321
 Delta R.T. 0.00 min
 Lab File: VY000336.D
 Acq: 17 Oct 2019 11:16

Tgt Ion: 63 Resp: 202396
 Ion Ratio Lower Upper
 63 100
 106 28.0 23.0 34.4

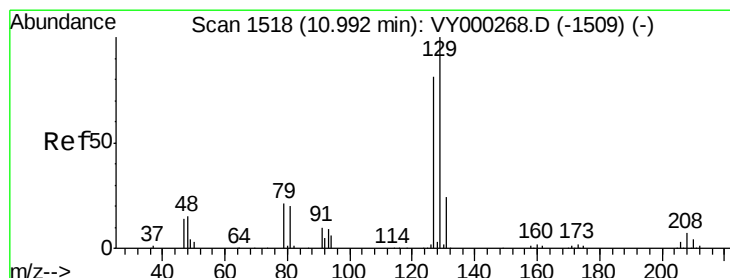
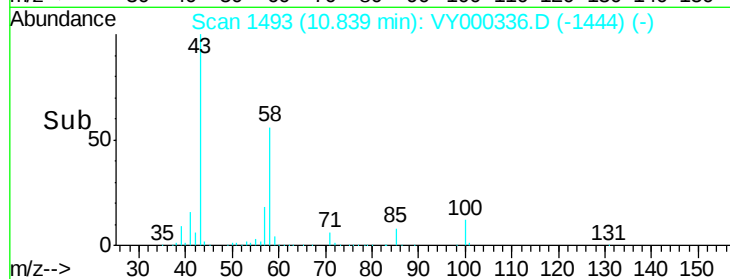
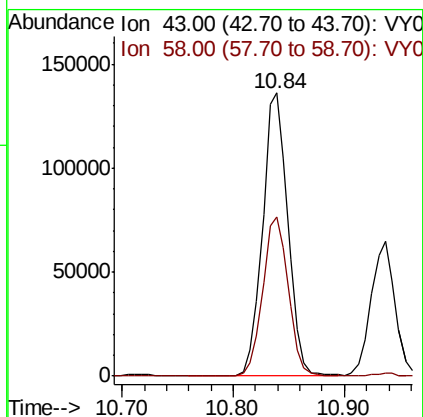
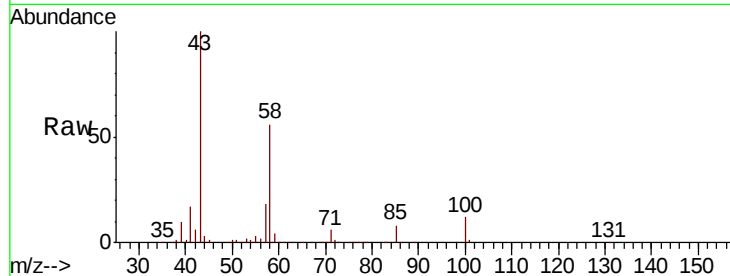




#59
2-Hexanone
Concen: 112.272 ug/l
RT: 10.84 min Scan# 1493
Delta R.T. 0.00 min
Lab File: VY000336.D
Acq: 17 Oct 2019 11:16

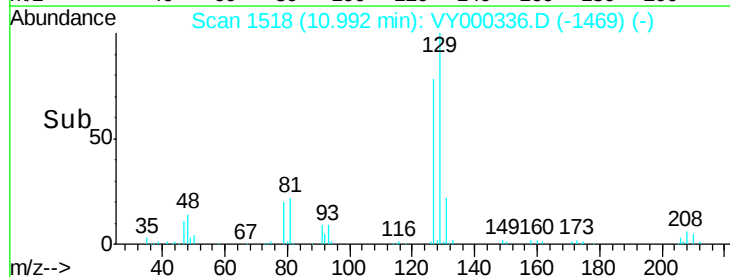
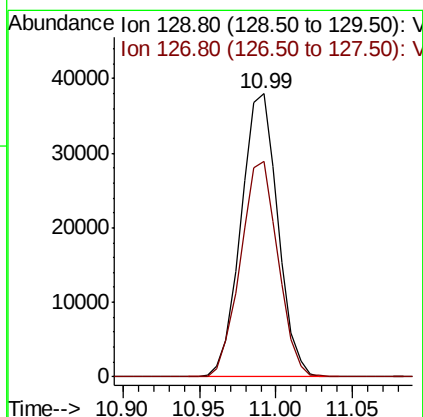
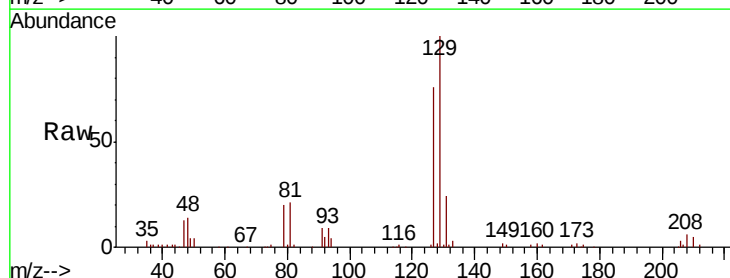
Instrument :
MSVOA_Y
ClientSampleId :
VY1017SBS01

Tot Ion: 43 Resp: 216460
Ion Ratio Lower Upper
43 100
58 56.7 27.7 83.1



#60
Dibromochloromethane
Concen: 21.092 ug/l
RT: 10.99 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VY000336.D
Acq: 17 Oct 2019 11:16

Tgt Ion: 129 Resp: 63742
Ion Ratio Lower Upper
129 100
127 77.1 39.9 119.7

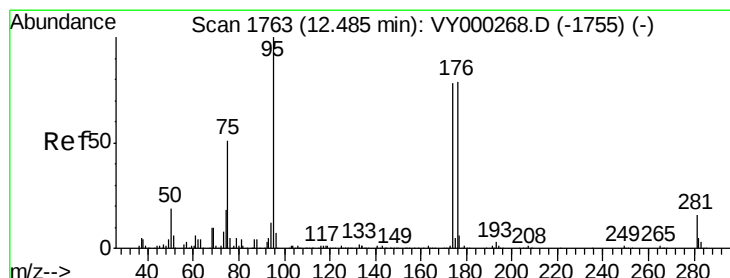
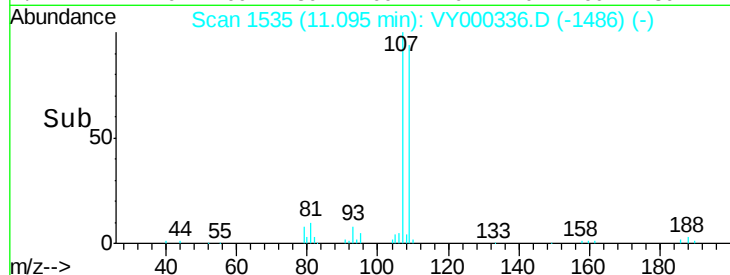
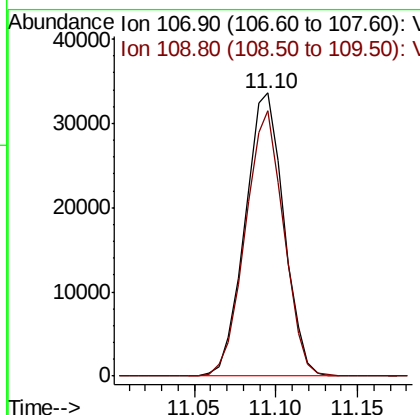
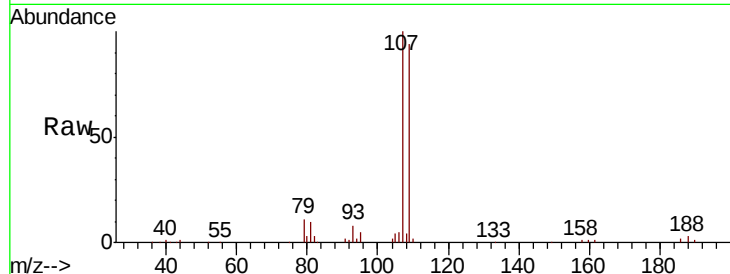




#61
 1,2-Dibromoethane
 Concen: 21.286 ug/l
 RT: 11.10 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: VY000336.D
 Acq: 17 Oct 2019 11:16

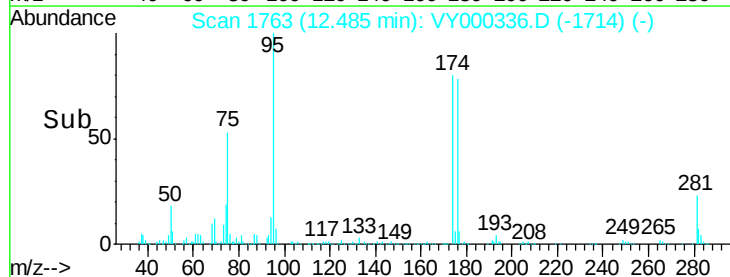
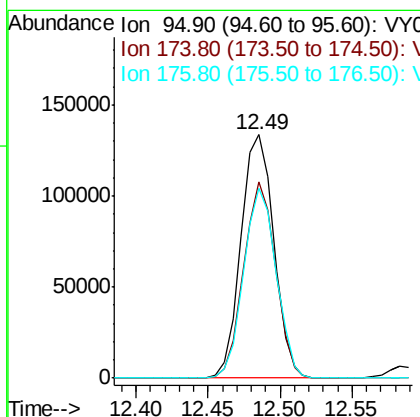
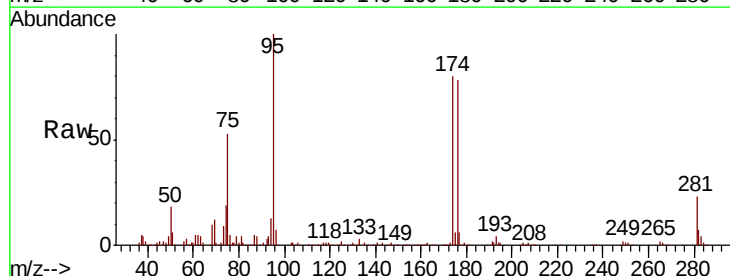
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1017SBS01

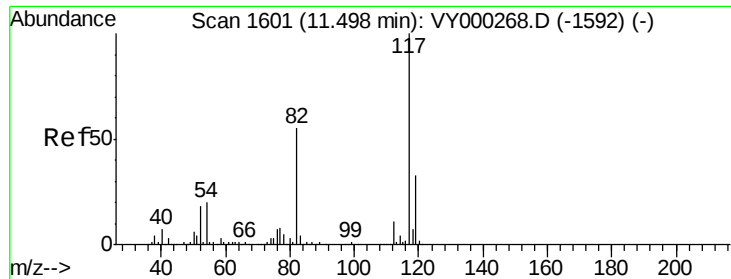
Tot Ion: 107 Resp: 55725
 Ion Ratio Lower Upper
 107 100
 109 92.7 75.1 112.7



#62
 4-Bromofluorobenzene
 Concen: 49.524 ug/l
 RT: 12.49 min Scan# 1763
 Delta R.T. 0.00 min
 Lab File: VY000336.D
 Acq: 17 Oct 2019 11:16

Tgt Ion: 95 Resp: 210924
 Ion Ratio Lower Upper
 95 100
 174 78.0 0.0 159.6
 176 77.1 0.0 153.8

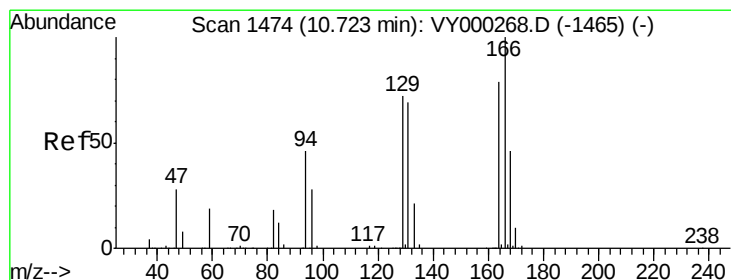
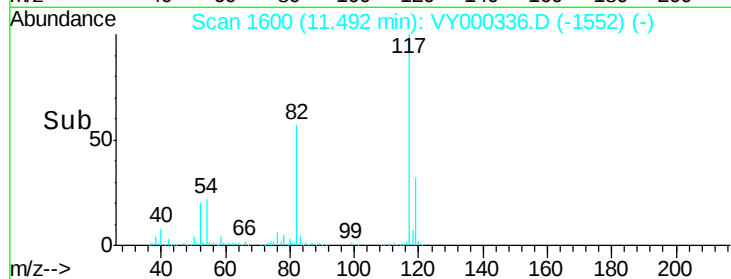
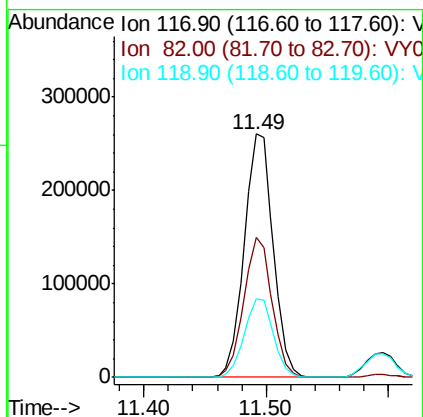
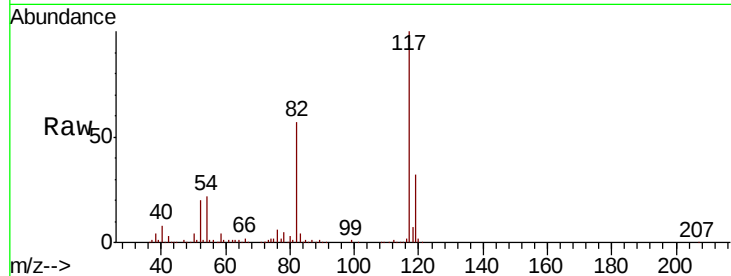




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY000336.D
Acq: 17 Oct 2019 11:16

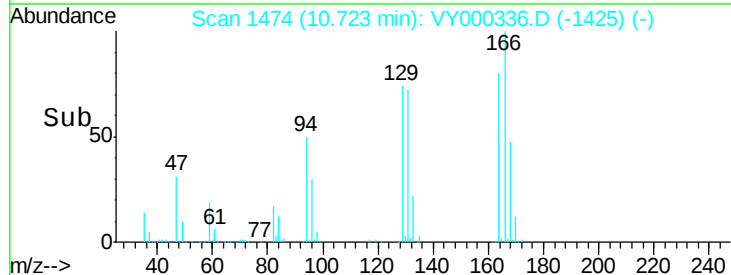
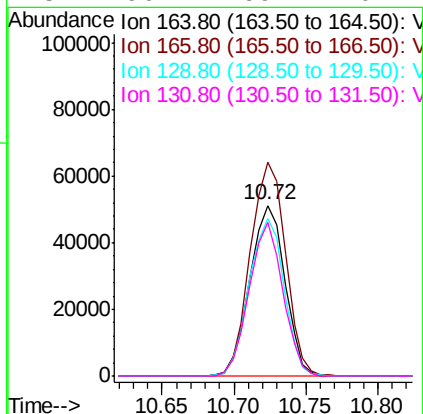
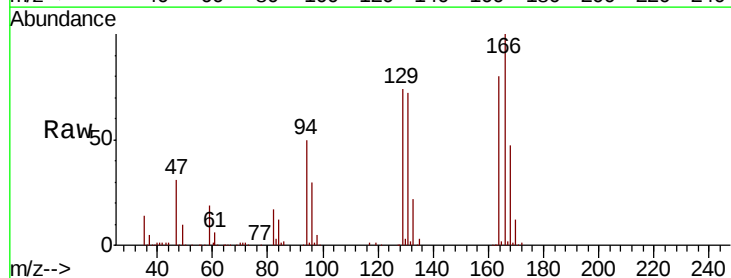
Instrument :
MSVOA_Y
ClientSampleId :
VY1017SBS01

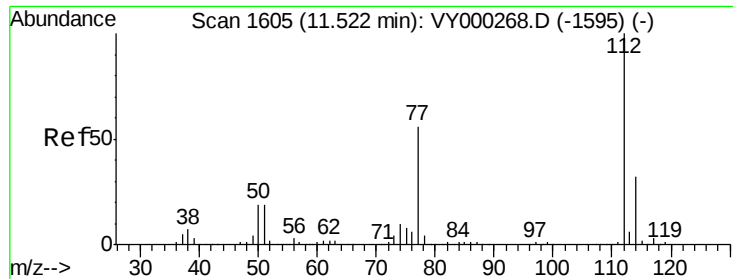
Tot Ion:117 Resp: 427851
Ion Ratio Lower Upper
117 100
82 57.4 43.7 65.5
119 32.3 26.6 39.8



#64
Tetrachloroethene
Concen: 21.131 ug/l
RT: 10.72 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VY000336.D
Acq: 17 Oct 2019 11:16

Tgt Ion:164 Resp: 86070
Ion Ratio Lower Upper
164 100
166 125.3 100.6 151.0
129 92.1 72.8 109.2
131 90.2 69.4 104.2

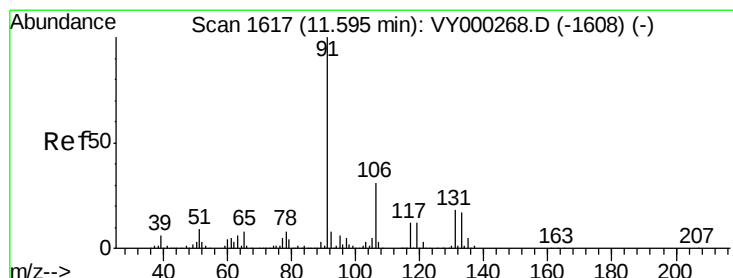
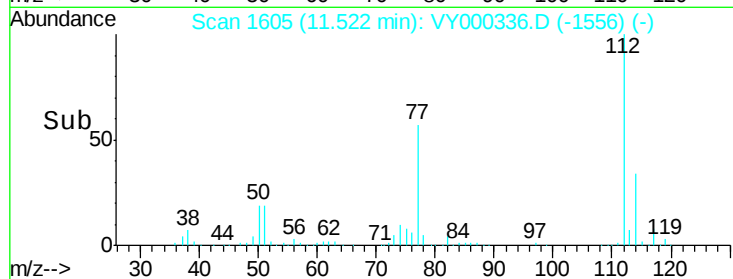
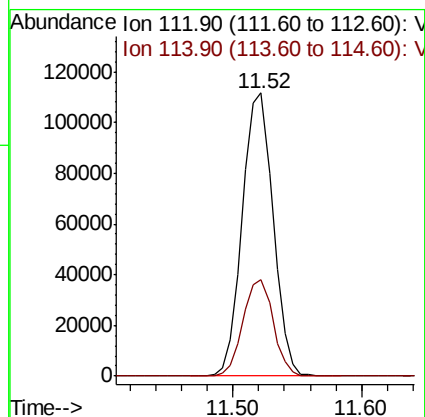
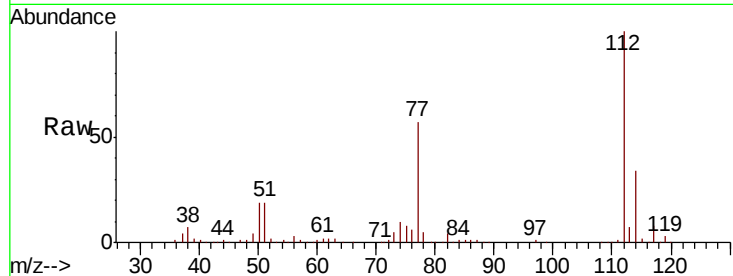




#65
Chlorobenzene
Concen: 20.453 ug/l
RT: 11.52 min Scan# 1605
Delta R.T. 0.00 min
Lab File: VY000336.D
Acq: 17 Oct 2019 11:16

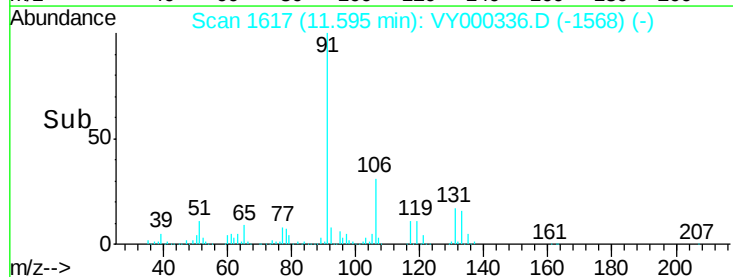
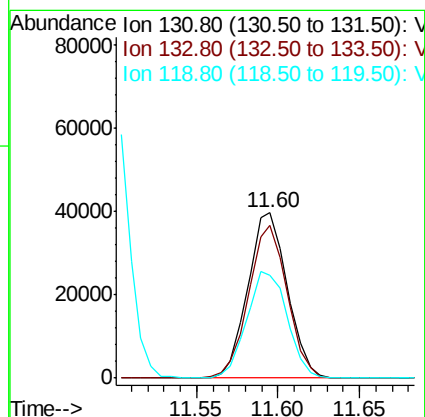
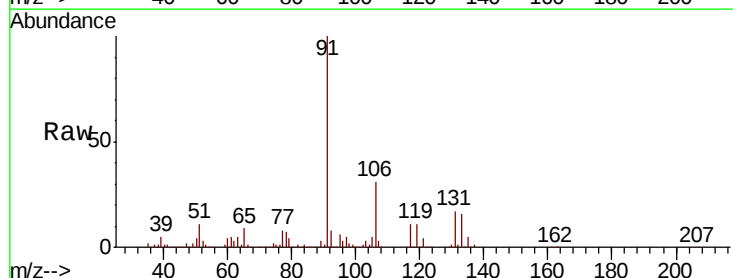
Instrument :
MSVOA_Y
ClientSampleId :
VY1017SBS01

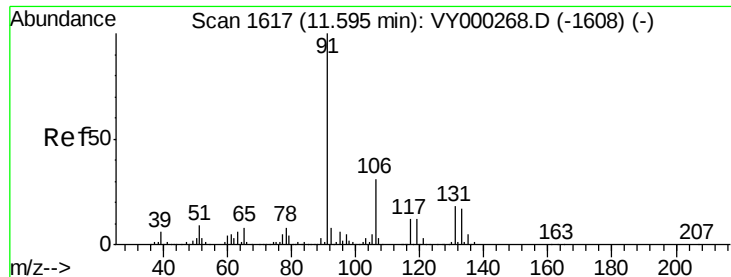
Tot Ion:112 Resp: 184683
Ion Ratio Lower Upper
112 100
114 34.2 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 21.033 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. 0.00 min
Lab File: VY000336.D
Acq: 17 Oct 2019 11:16

Tgt Ion:131 Resp: 66716
Ion Ratio Lower Upper
131 100
133 91.0 47.2 141.6
119 66.3 32.6 98.0

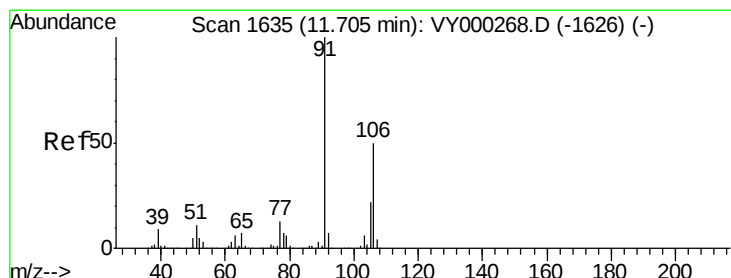
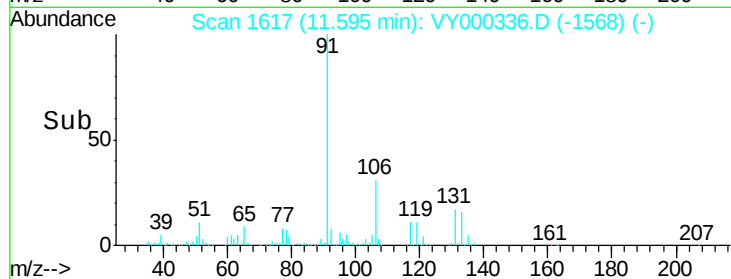
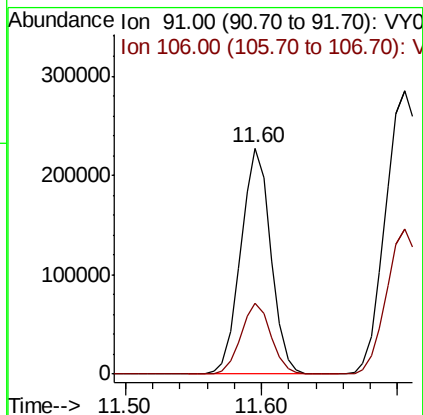
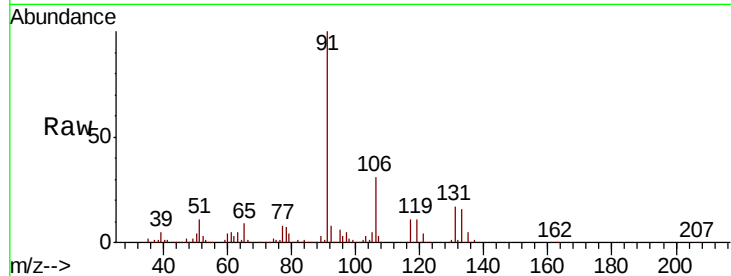




#67
Ethyl Benzene
Concen: 20.915 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. 0.00 min
Lab File: VY000336.D
Acq: 17 Oct 2019 11:16

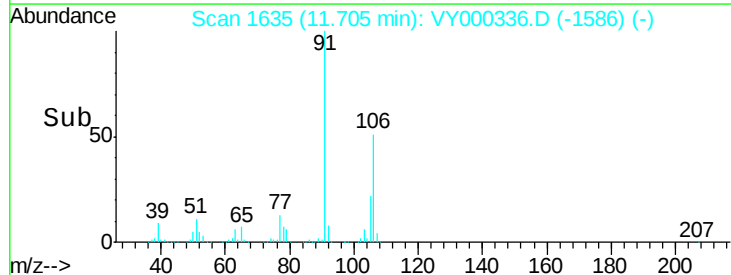
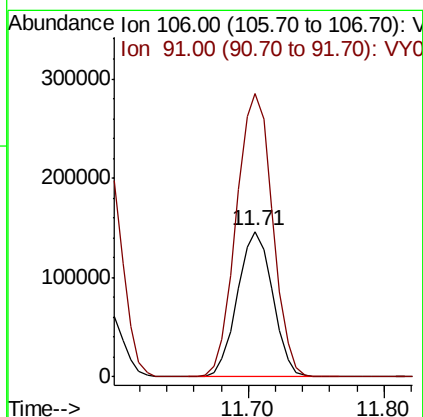
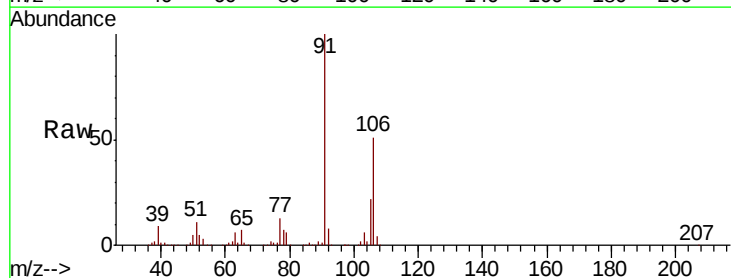
Instrument :
MSVOA_Y
ClientSampleId :
VY1017SBS01

Tot Ion: 91 Resp: 350096
Ion Ratio Lower Upper
91 100
106 31.3 25.0 37.6



#68
m/p-Xylenes
Concen: 41.476 ug/l
RT: 11.71 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VY000336.D
Acq: 17 Oct 2019 11:16

Tgt Ion: 106 Resp: 265403
Ion Ratio Lower Upper
106 100
91 199.8 157.5 236.3

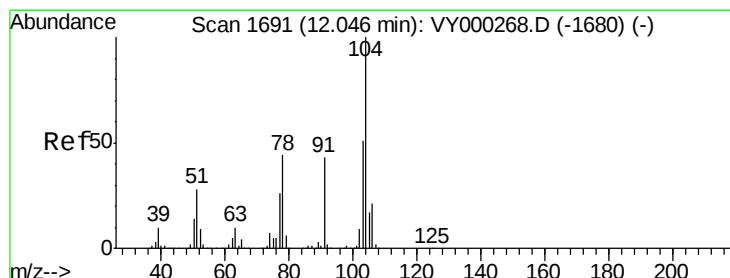
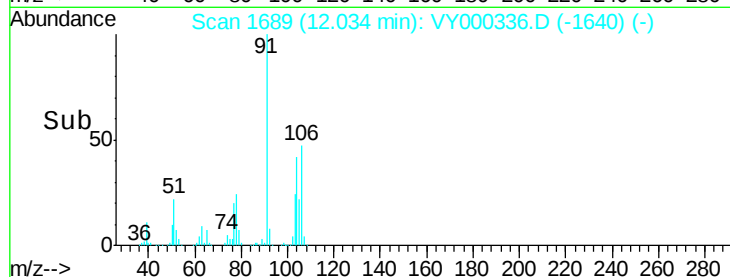
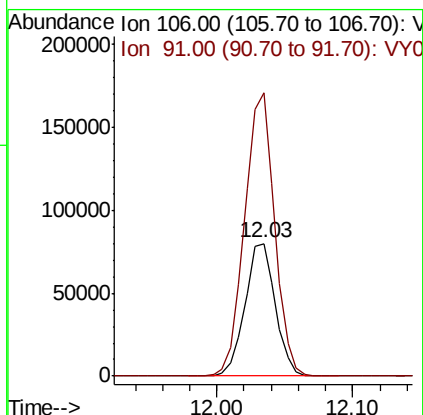
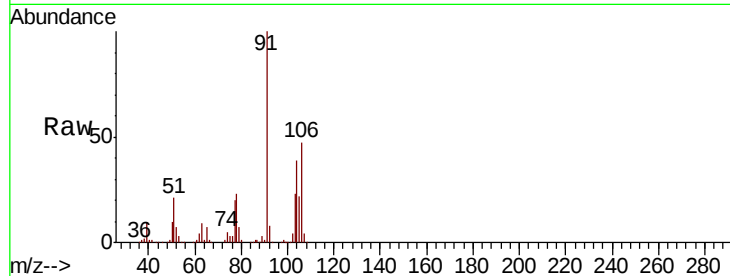




#69
o-Xylene
Concen: 20.457 ug/l
RT: 12.03 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VY000336.D
Acq: 17 Oct 2019 11:16

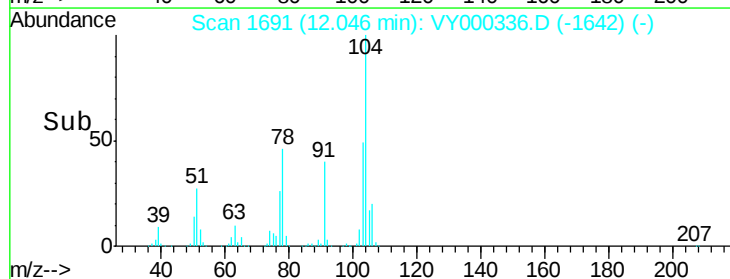
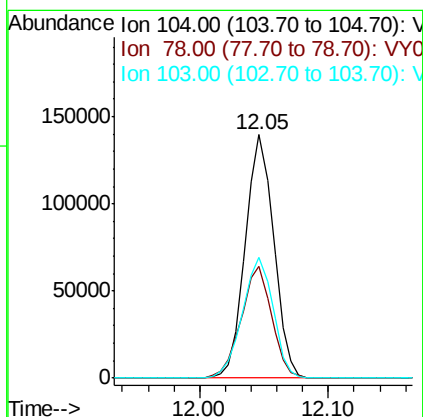
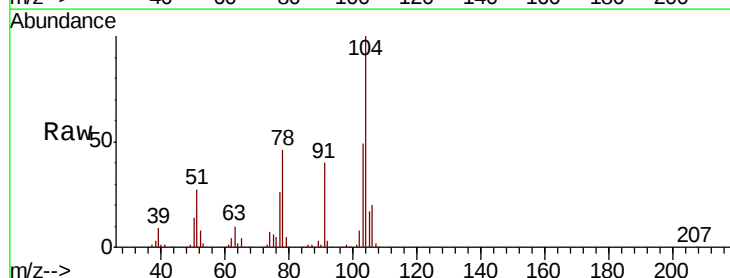
Instrument :
MSVOA_Y
ClientSampleId :
VY1017SBS01

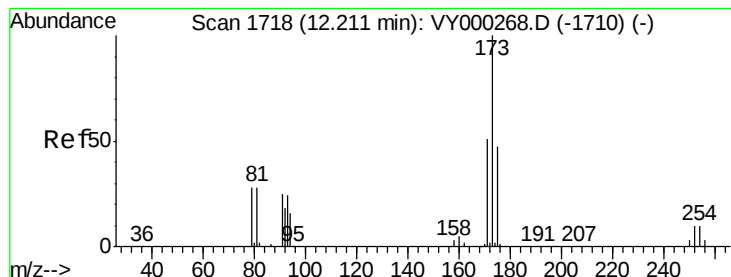
Tot Ion:106 Resp: 124880
Ion Ratio Lower Upper
106 100
91 211.1 104.7 313.9



#70
Styrene
Concen: 20.704 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. 0.00 min
Lab File: VY000336.D
Acq: 17 Oct 2019 11:16

Tgt Ion:104 Resp: 213148
Ion Ratio Lower Upper
104 100
78 49.3 39.0 58.6
103 53.7 43.1 64.7





#71

Bromoform

Concen: 21.237 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. 0.00 min

Lab File: VY000336.D

Acq: 17 Oct 2019 11:16

Instrument :

MSVOA_Y

ClientSampleId :

VY1017SBS01

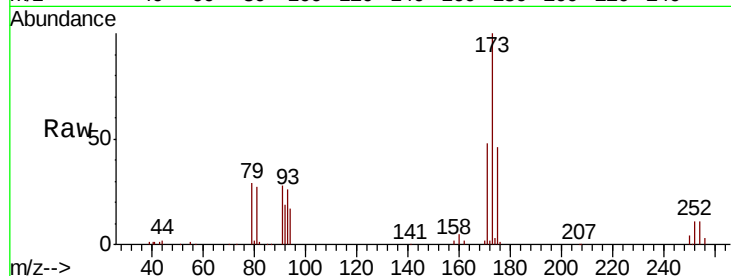
Tot Ion:173 Resp: 38723

Ion Ratio Lower Upper

173 100

175 48.5 24.6 73.6

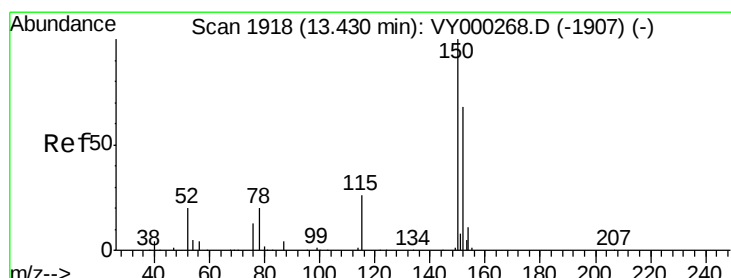
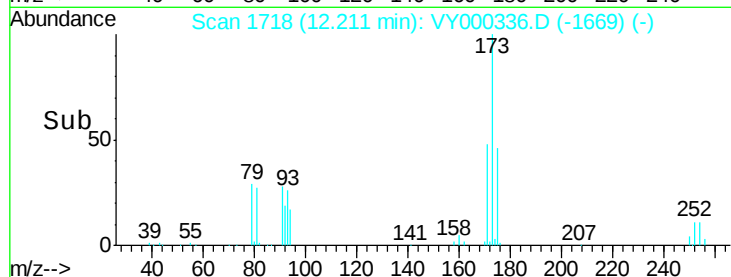
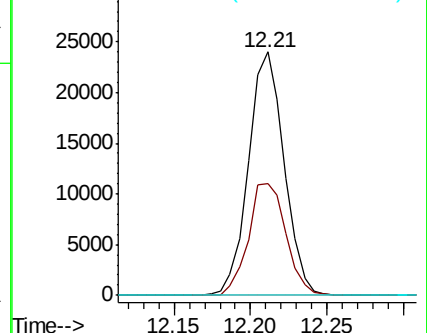
254 0.0 0.1 0.1#



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: 13.43 min Scan# 1918

Delta R.T. 0.00 min

Lab File: VY000336.D

Acq: 17 Oct 2019 11:16

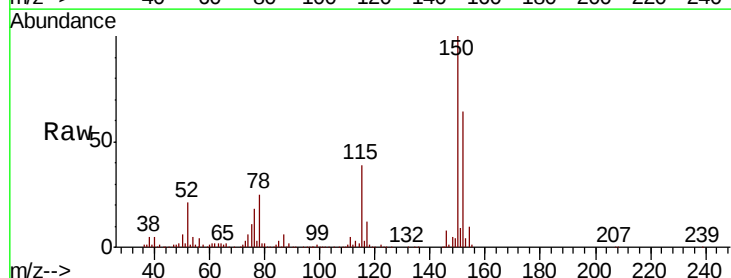
Tgt Ion:152 Resp: 207223

Ion Ratio Lower Upper

152 100

115 60.4 29.3 88.0

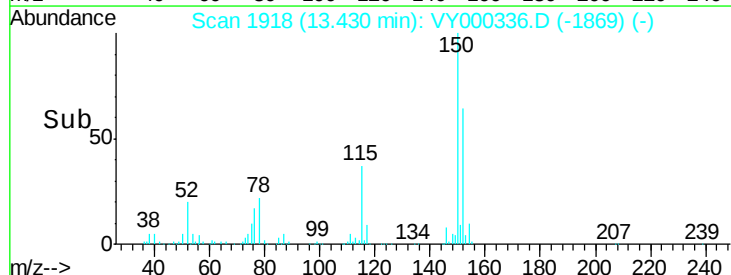
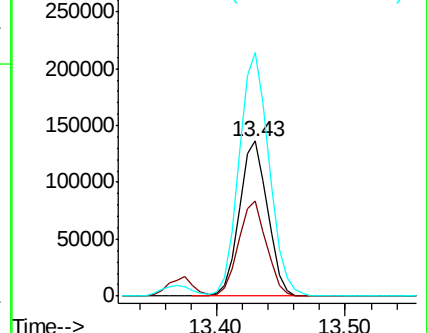
150 166.6 0.0 348.4

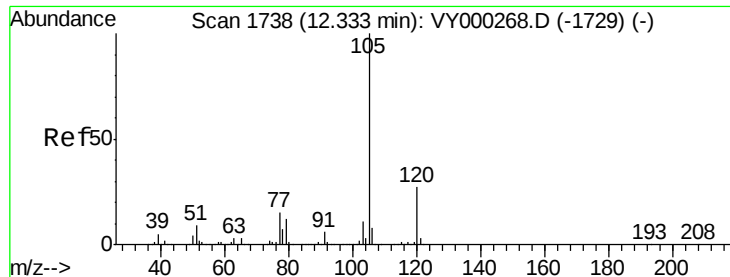


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

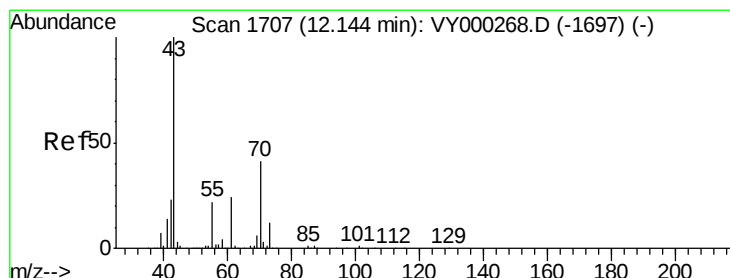
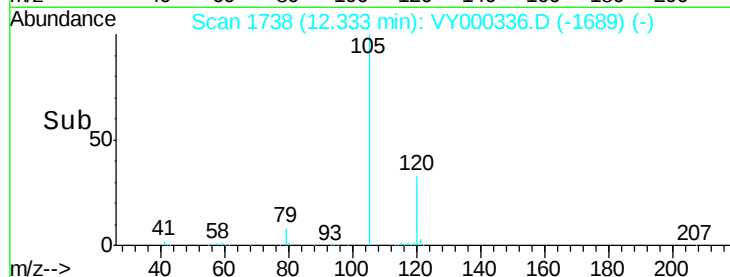
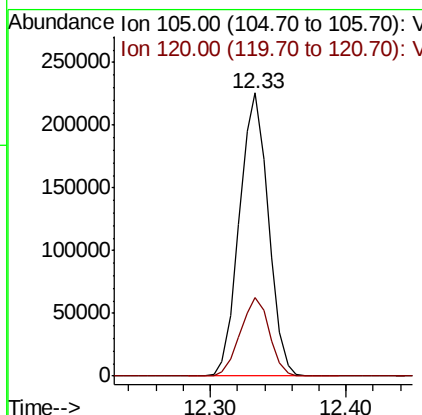
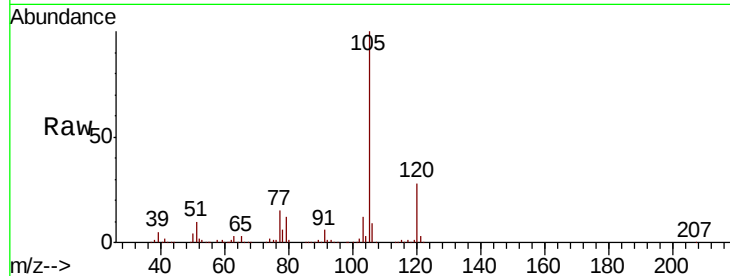




#73
Isopropylbenzene
Concen: 20.748 ug/l
RT: 12.33 min Scan# 1738
Delta R.T. 0.00 min
Lab File: VY000336.D
Acq: 17 Oct 2019 11:16

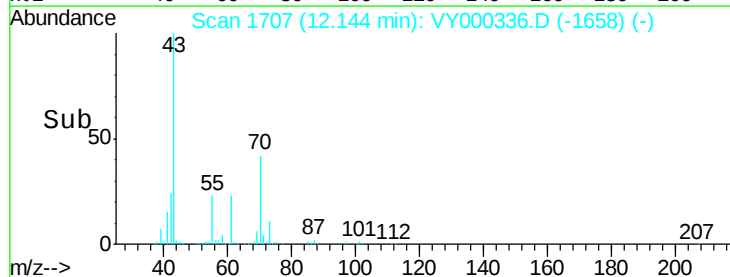
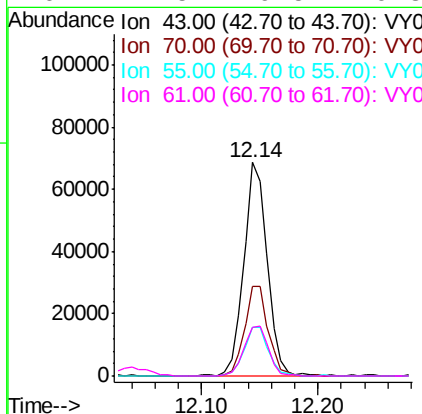
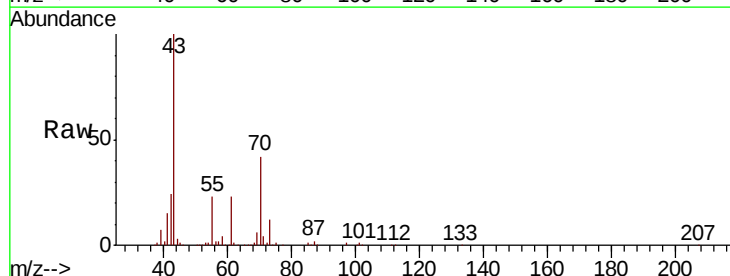
Instrument :
MSVOA_Y
ClientSampleId :
VY1017SBS01

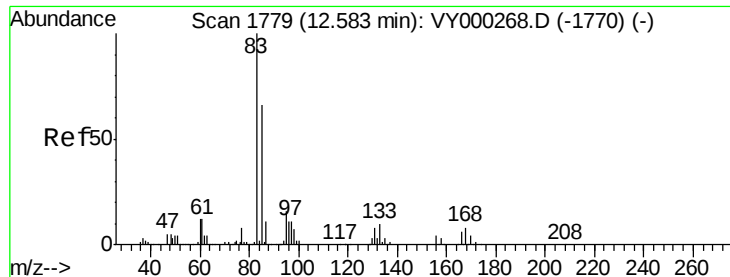
Tot Ion:105 Resp: 335249
Ion Ratio Lower Upper
105 100
120 27.9 13.4 40.2



#74
N-ethyl acetate
Concen: 24.446 ug/l
RT: 12.14 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VY000336.D
Acq: 17 Oct 2019 11:16

Tgt Ion: 43 Resp: 96969
Ion Ratio Lower Upper
43 100
70 41.9 32.9 49.3
55 23.8 17.8 26.6
61 24.5 19.5 29.3





#75

1,1,2,2-Tetrachloroethane

Concen: 21.388 ug/l

RT: 12.59 min Scan# 1780

Delta R.T. 0.01 min

Lab File: VY000336.D

Acq: 17 Oct 2019 11:16

Instrument :

MSVOA_Y

ClientSampleId :

VY1017SBS01

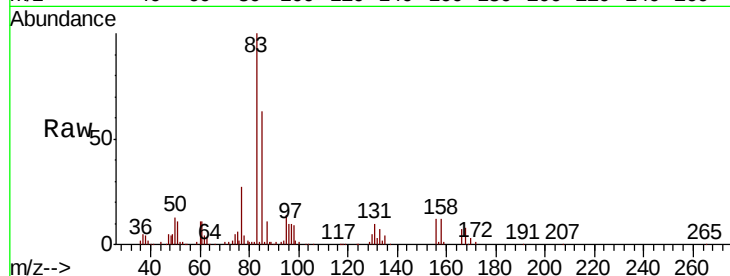
Tot Ion: 83 Resp: 64886

Ion Ratio Lower Upper

83 100

131 10.0 5.3 16.1

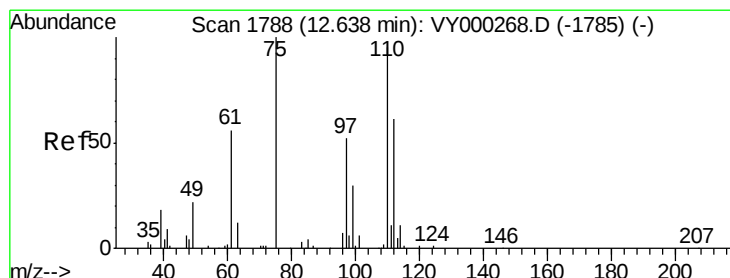
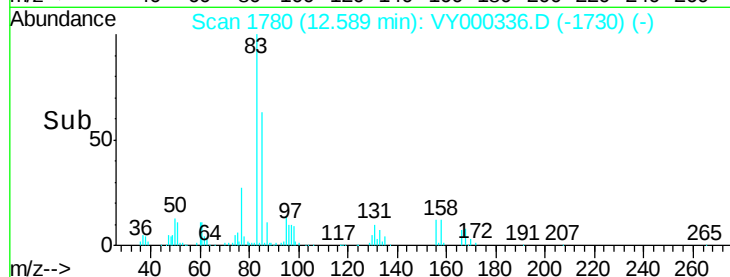
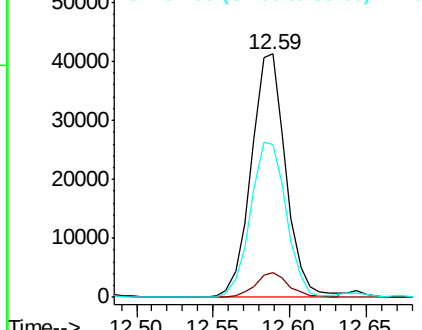
85 65.6 32.9 98.7



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 130.80 (130.50 to 131.50): VY0

Ion 84.90 (84.60 to 85.60): VY0



#76

1,2,3-Trichloropropane

Concen: 22.347 ug/l m

RT: 12.64 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VY000336.D

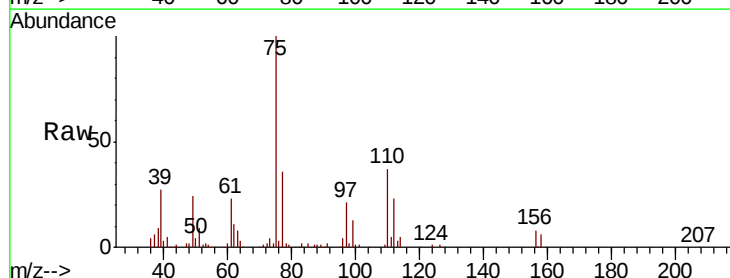
Acq: 17 Oct 2019 11:16

Tgt Ion: 75 Resp: 56943

Ion Ratio Lower Upper

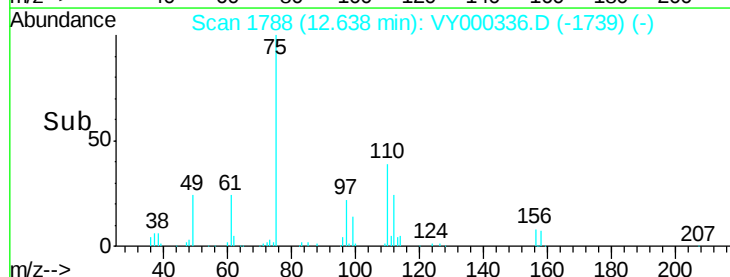
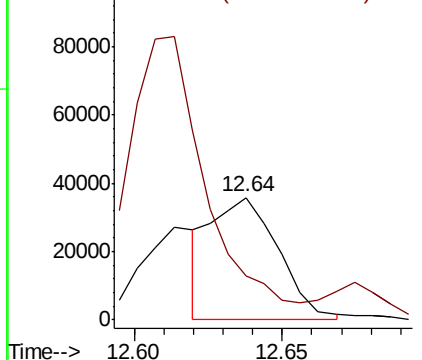
75 100

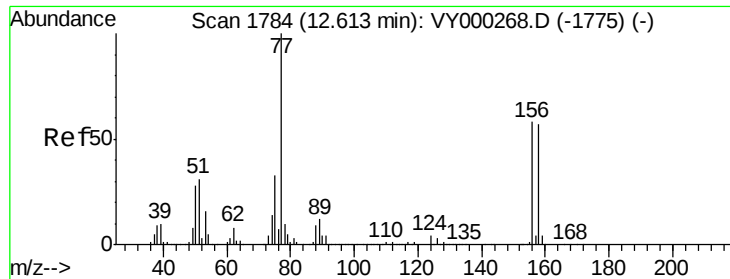
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0

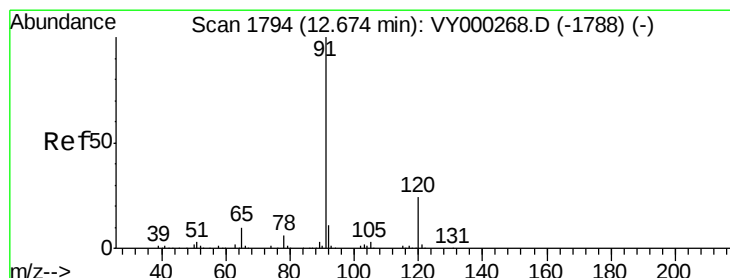
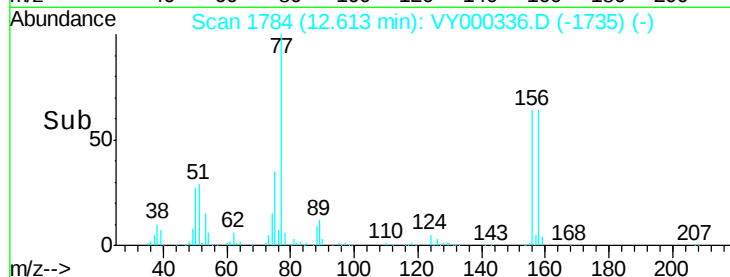
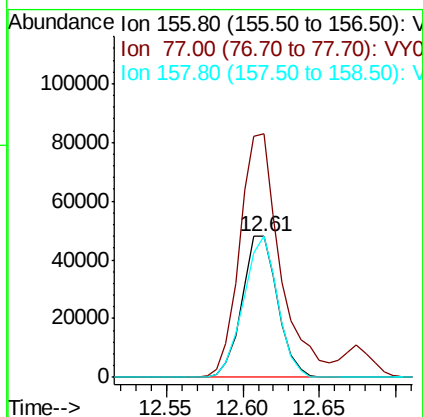
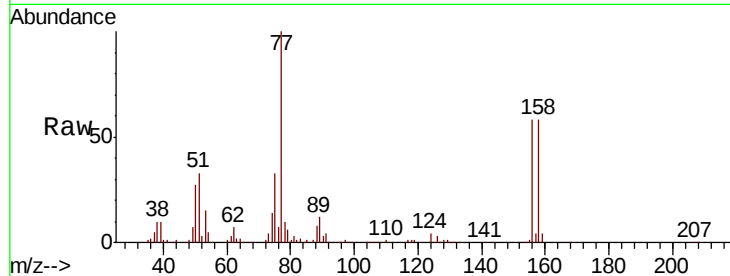




#77
Bromobenzene
Concen: 21.559 ug/l
RT: 12.61 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VY000336.D
Acq: 17 Oct 2019 11:16

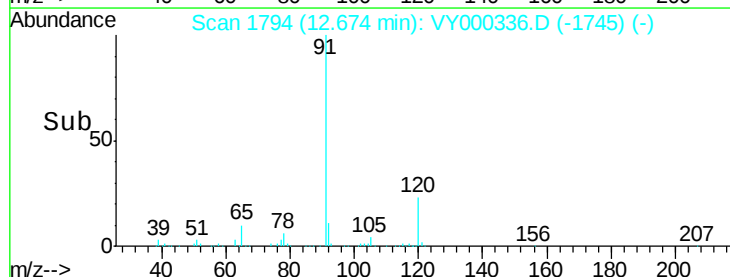
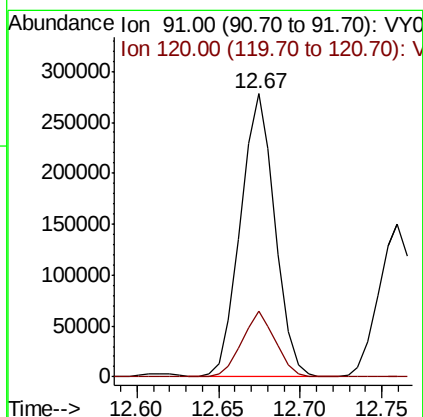
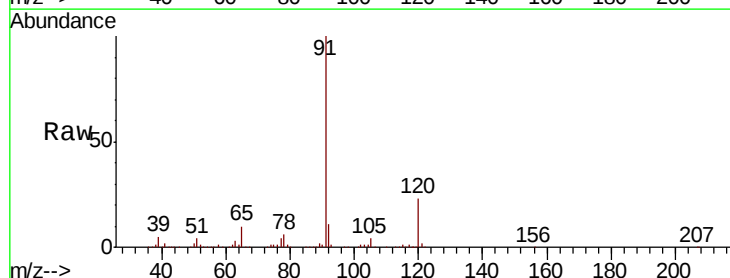
Instrument :
MSVOA_Y
ClientSampleId :
VY1017SBS01

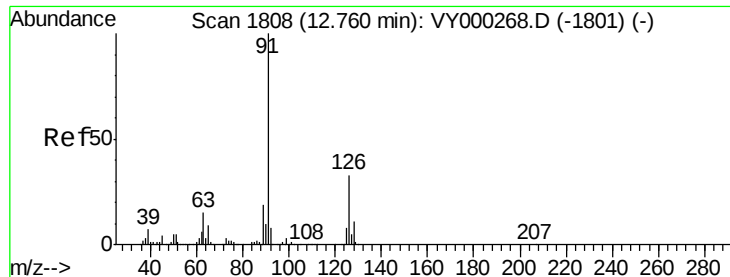
Tot Ion:156 Resp: 77516
Ion Ratio Lower Upper
156 100
77 197.0 101.0 302.9
158 96.2 49.7 149.1



#78
n-propylbenzene
Concen: 20.961 ug/l
RT: 12.67 min Scan# 1794
Delta R.T. 0.00 min
Lab File: VY000336.D
Acq: 17 Oct 2019 11:16

Tgt Ion: 91 Resp: 406637
Ion Ratio Lower Upper
91 100
120 22.6 11.5 34.5

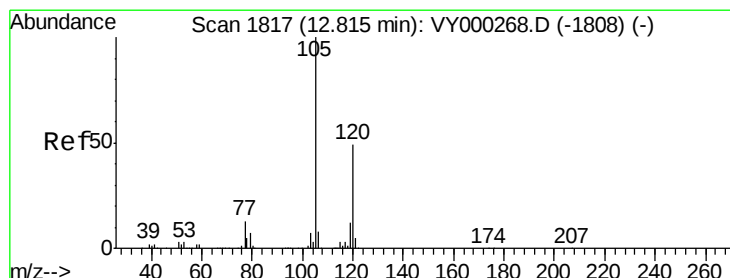
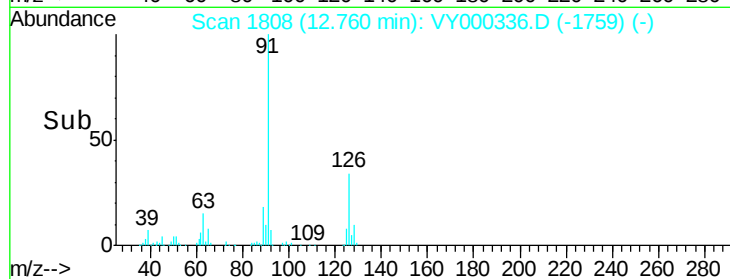
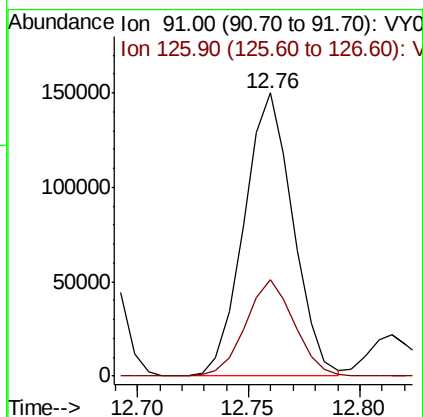
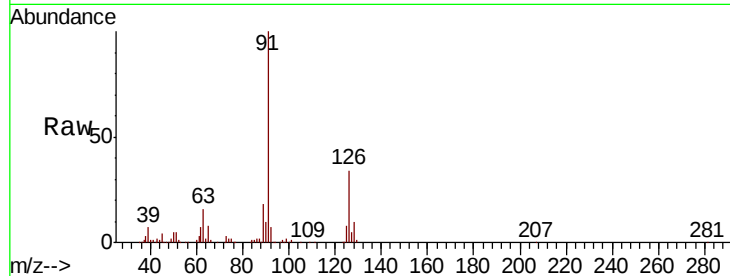




#79
2-Chlorotoluene
Concen: 21.335 ug/l
RT: 12.76 min Scan# 1808
Delta R.T. 0.00 min
Lab File: VY000336.D
Acq: 17 Oct 2019 11:16

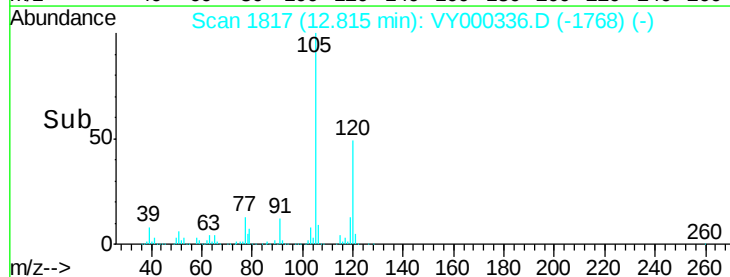
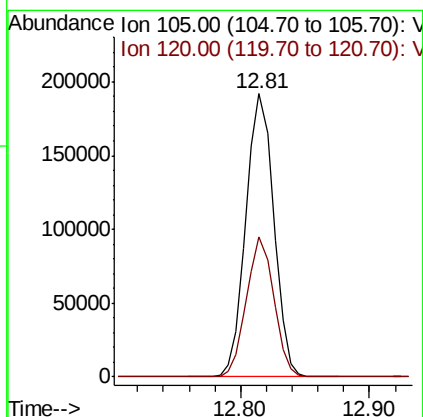
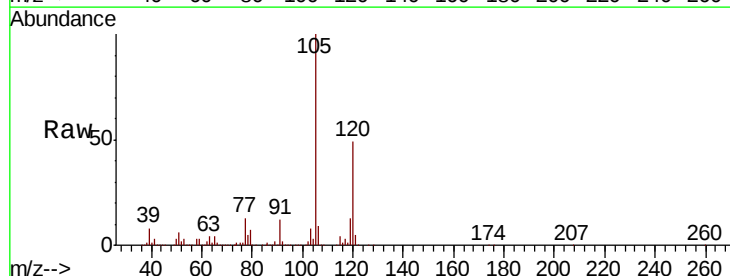
Instrument :
MSVOA_Y
ClientSampleId :
VY1017SBS01

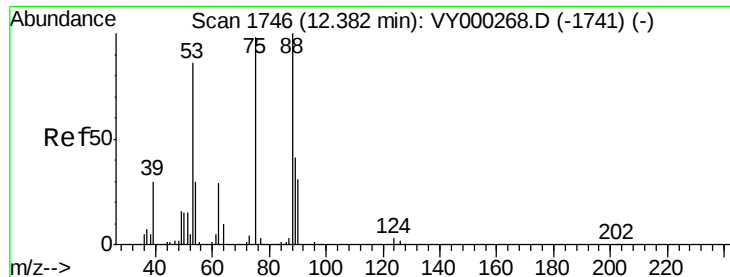
Tot Ion: 91 Resp: 228579
Ion Ratio Lower Upper
91 100
126 33.8 17.1 51.3



#80
1,3,5-Trimethylbenzene
Concen: 21.155 ug/l
RT: 12.81 min Scan# 1817
Delta R.T. 0.00 min
Lab File: VY000336.D
Acq: 17 Oct 2019 11:16

Tgt Ion:105 Resp: 286621
Ion Ratio Lower Upper
105 100
120 48.4 24.9 74.8





#81

trans-1,4-Dichloro-2-butene

Concen: 20.724 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. 0.00 min

Lab File: VY000336.D

Acq: 17 Oct 2019 11:16

Instrument :

MSVOA_Y

ClientSampleId :

VY1017SBS01

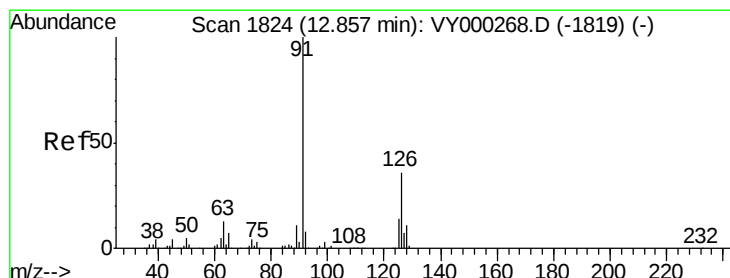
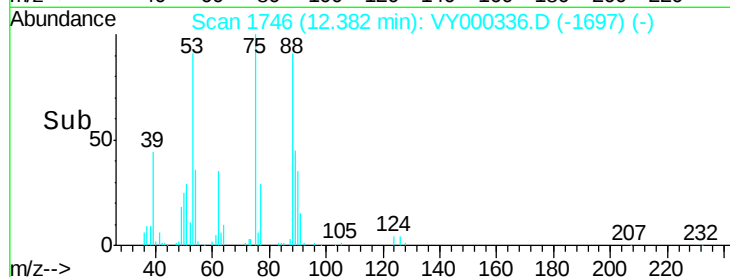
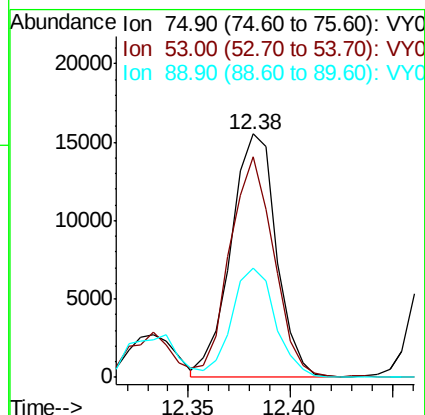
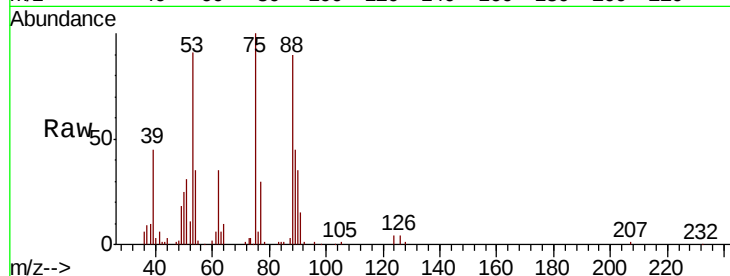
Tot Ion: 75 Resp: 24135

Ion Ratio Lower Upper

75 100

53 86.9 71.3 106.9

89 42.7 35.1 52.7



#82

4-Chlorotoluene

Concen: 21.150 ug/l

RT: 12.86 min Scan# 1824

Delta R.T. 0.00 min

Lab File: VY000336.D

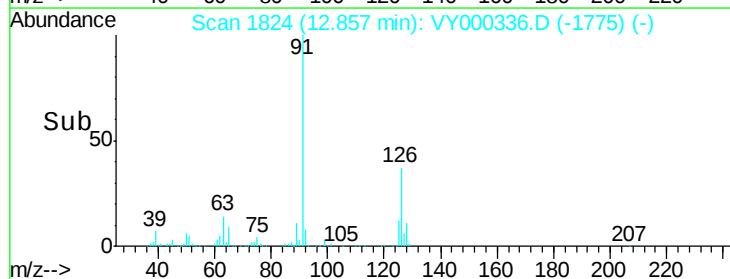
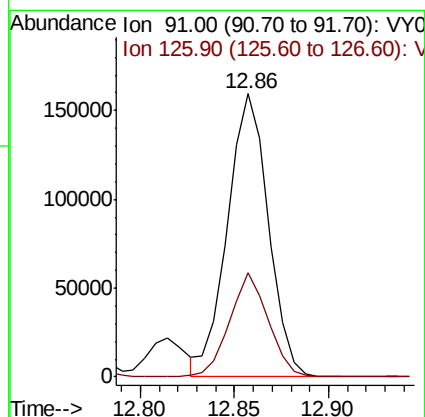
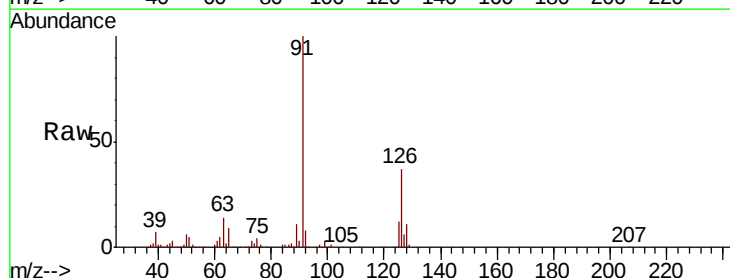
Acq: 17 Oct 2019 11:16

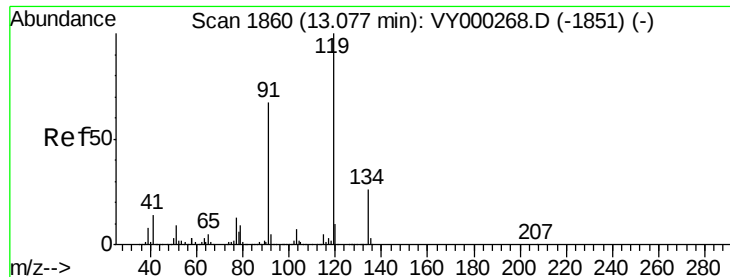
Tgt Ion: 91 Resp: 239524

Ion Ratio Lower Upper

91 100

126 34.8 17.2 51.5

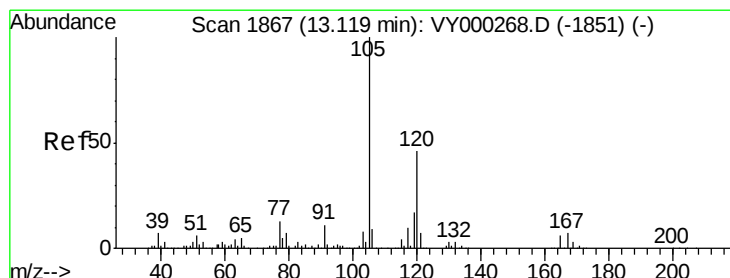
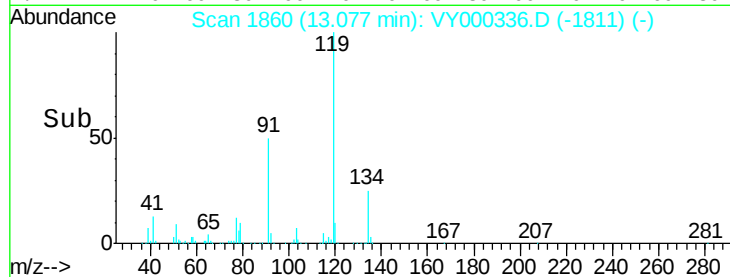
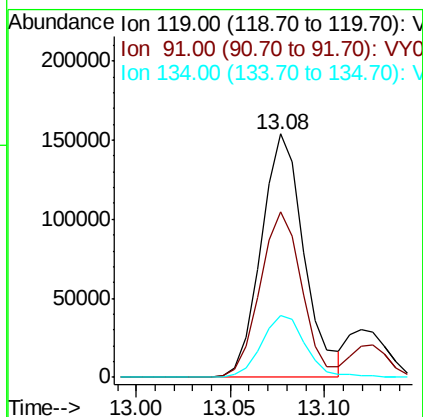
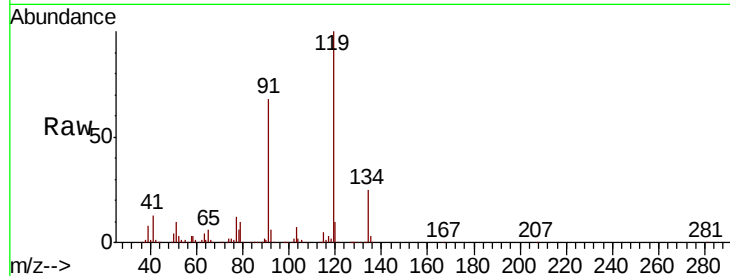




#83
tert-Butylbenzene
Concen: 21.131 ug/l
RT: 13.08 min Scan# 1860
Delta R.T. 0.00 min
Lab File: VY000336.D
Acq: 17 Oct 2019 11:16

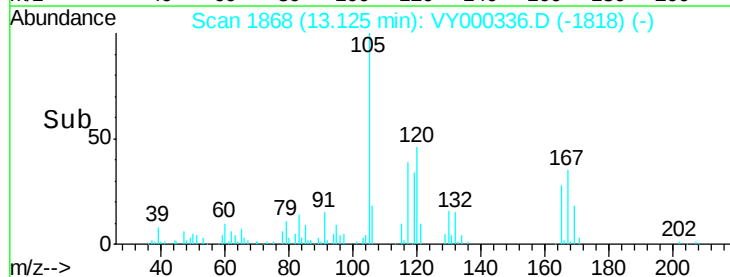
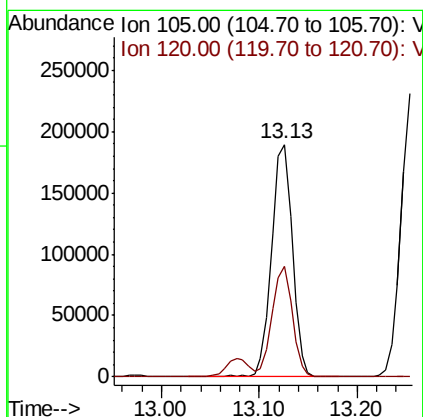
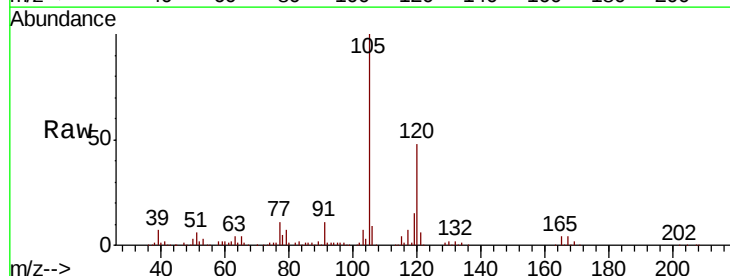
Instrument :
MSVOA_Y
ClientSampleId :
VY1017SBS01

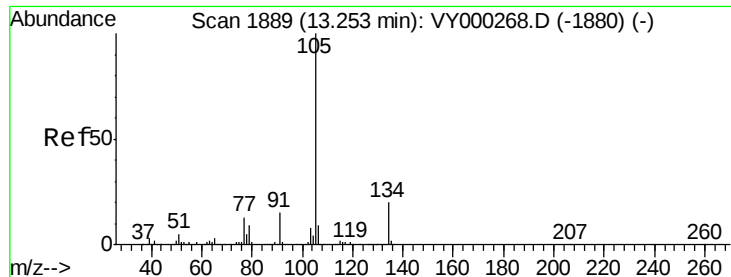
Tot Ion:119 Resp: 242451
Ion Ratio Lower Upper
119 100
91 65.8 32.9 98.7
134 26.3 13.3 39.8



#84
1,2,4-Trimethylbenzene
Concen: 21.104 ug/l
RT: 13.13 min Scan# 1868
Delta R.T. 0.01 min
Lab File: VY000336.D
Acq: 17 Oct 2019 11:16

Tgt Ion:105 Resp: 282203
Ion Ratio Lower Upper
105 100
120 46.4 22.9 68.8





#85

sec-Butylbenzene

Concen: 21.185 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VY000336.D

Acq: 17 Oct 2019 11:16

Instrument :

MSVOA_Y

ClientSampleId :

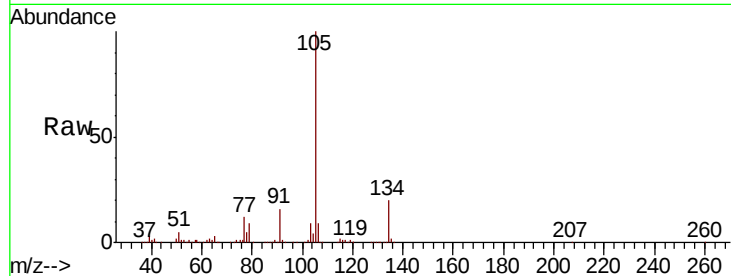
VY1017SBS01

Tot Ion:105 Resp: 351624

Ion Ratio Lower Upper

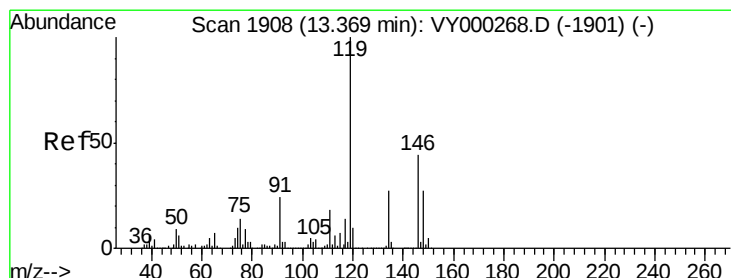
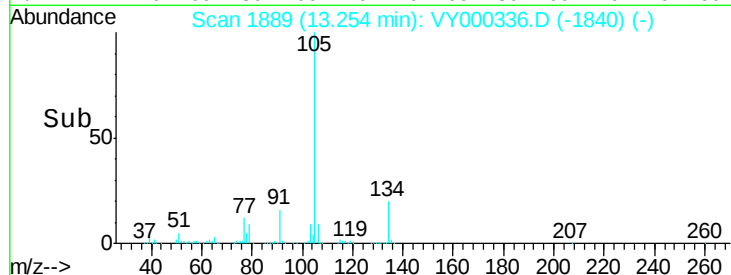
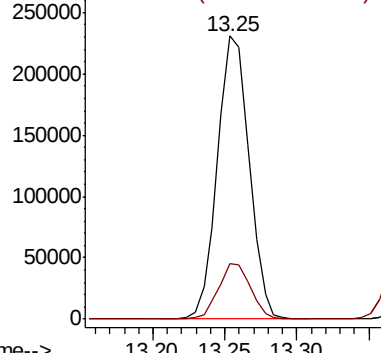
105 100

134 19.7 10.1 30.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 21.753 ug/l

RT: 13.38 min Scan# 1909

Delta R.T. 0.01 min

Lab File: VY000336.D

Acq: 17 Oct 2019 11:16

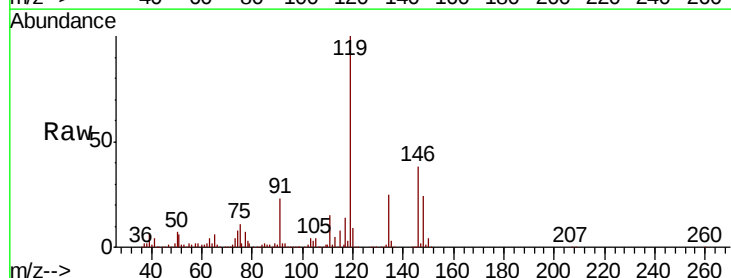
Tgt Ion:119 Resp: 314773

Ion Ratio Lower Upper

119 100

134 26.7 13.6 40.8

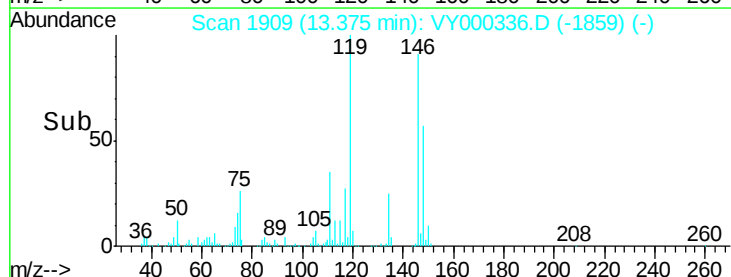
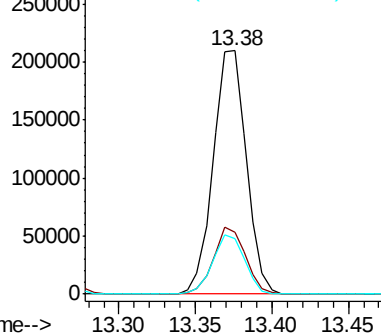
91 23.5 12.0 36.1

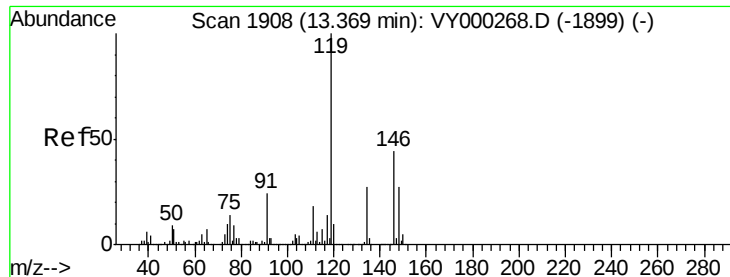


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0





#87

1,3-Dichlorobenzene

Concen: 21.201 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.00 min

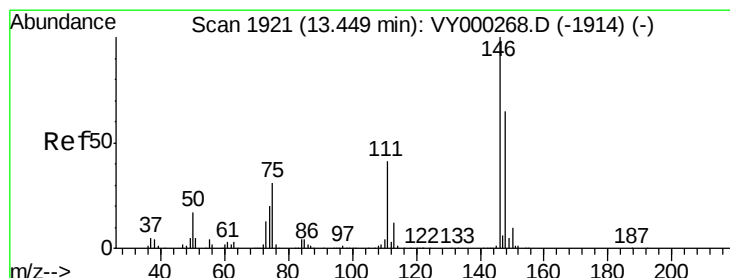
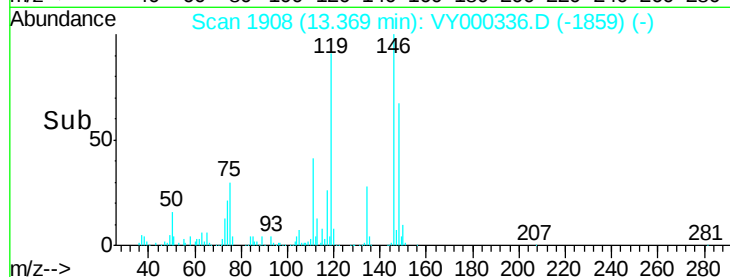
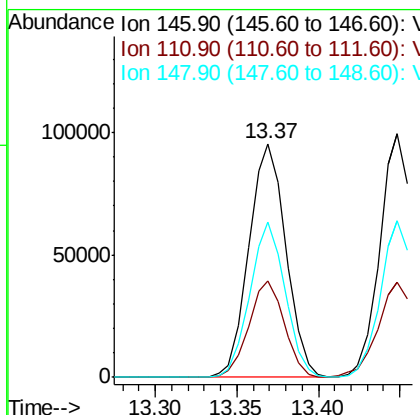
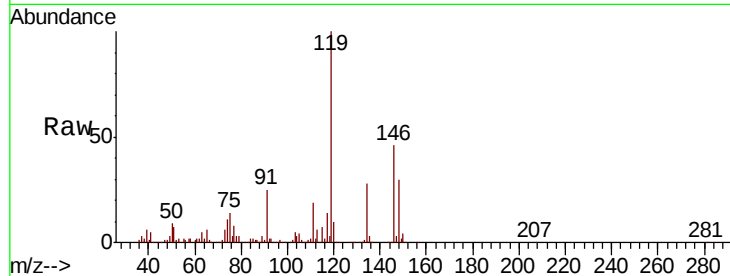
Lab File: VY000336.D

Acq: 17 Oct 2019 11:16

Instrument :
MSVOA_Y
ClientSampleId :
VY1017SBS01

Tot Ion:146 Resp: 150188

Ion	Ratio	Lower	Upper
146	100		
111	39.7	20.6	61.8
148	63.4	31.9	95.5



#88

1,4-Dichlorobenzene

Concen: 20.954 ug/l

RT: 13.45 min Scan# 1921

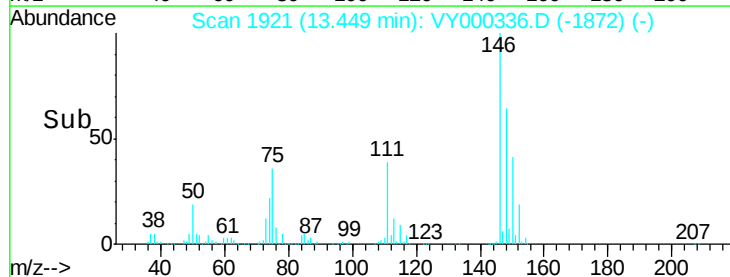
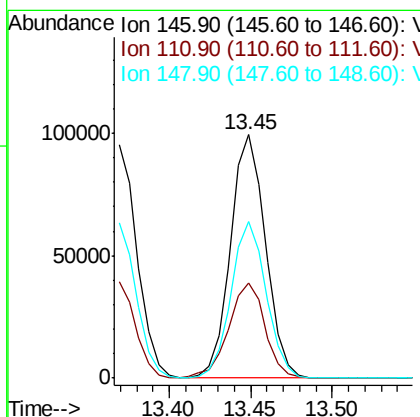
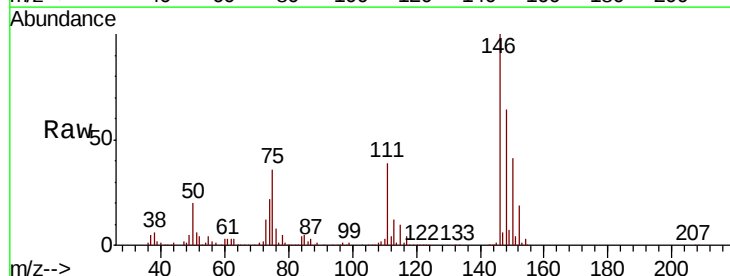
Delta R.T. 0.00 min

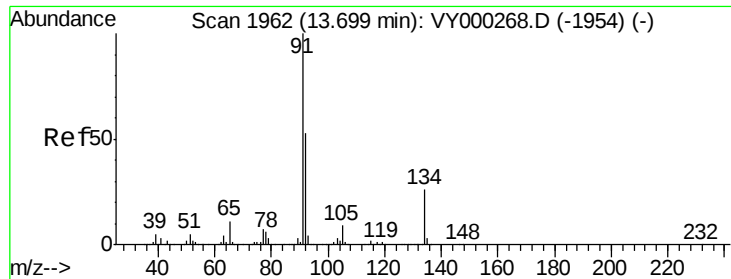
Lab File: VY000336.D

Acq: 17 Oct 2019 11:16

Tgt Ion:146 Resp: 148369

Ion	Ratio	Lower	Upper
146	100		
111	40.6	20.1	60.2
148	64.4	32.4	97.2

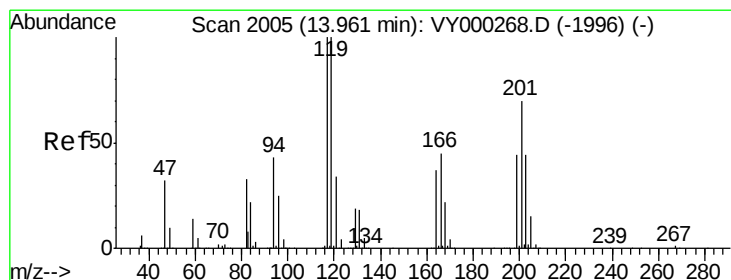
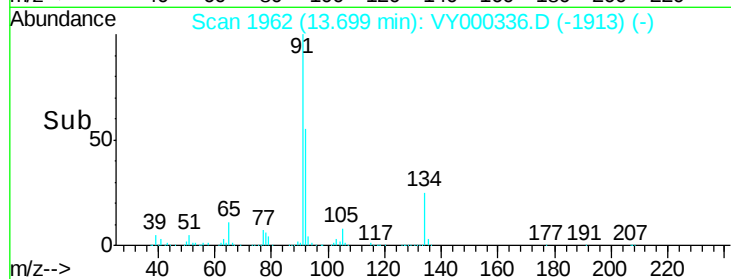
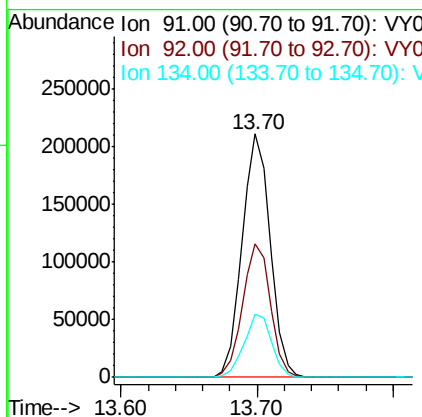
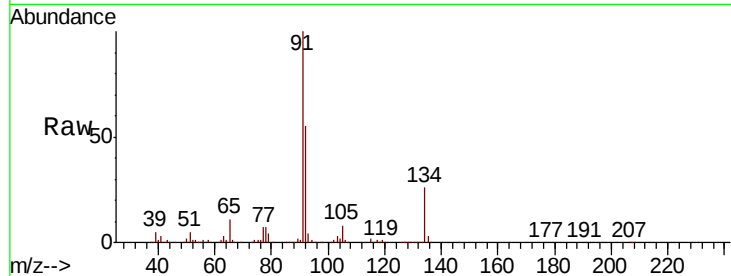




#89
n-Butylbenzene
Concen: 21.283 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. 0.00 min
Lab File: VY000336.D
Acq: 17 Oct 2019 11:16

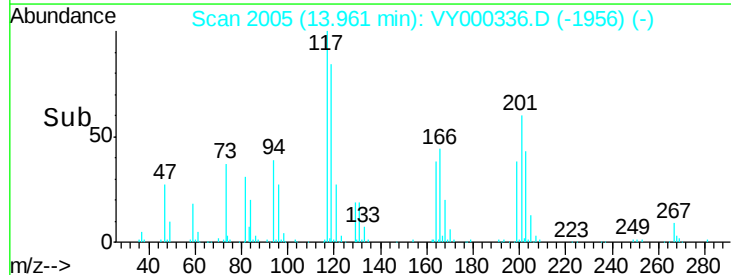
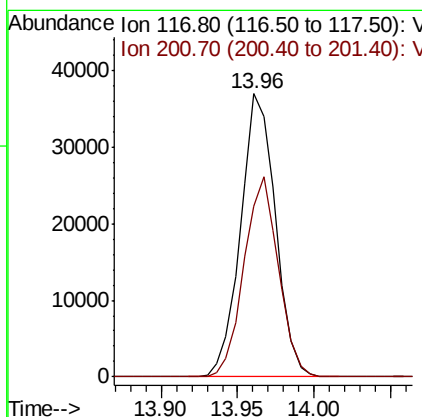
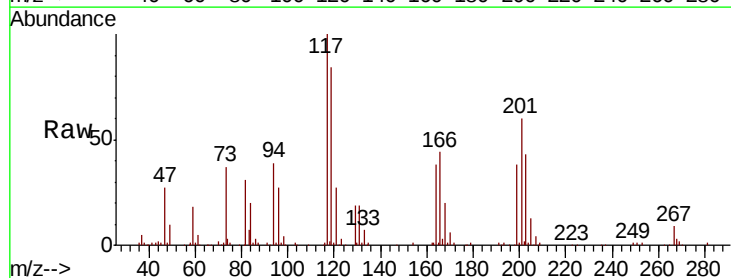
Instrument :
MSVOA_Y
ClientSampleId :
VY1017SBS01

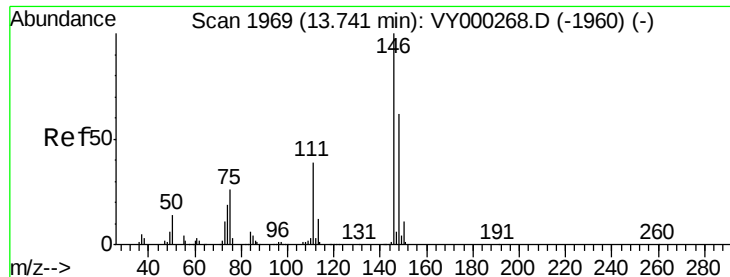
Tot Ion: 91 Resp: 304340
Ion Ratio Lower Upper
91 100
92 54.3 26.7 80.1
134 25.8 13.0 38.9



#90
Hexachloroethane
Concen: 21.798 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. 0.00 min
Lab File: VY000336.D
Acq: 17 Oct 2019 11:16

Tgt Ion: 117 Resp: 58408
Ion Ratio Lower Upper
117 100
201 69.8 36.3 108.7





#91

1,2-Dichlorobenzene

Concen: 21.766 ug/l

RT: 13.74 min Scan# 1969

Delta R.T. 0.00 min

Lab File: VY000336.D

Acq: 17 Oct 2019 11:16

Instrument :

MSVOA_Y

ClientSampleId :

VY1017SBS01

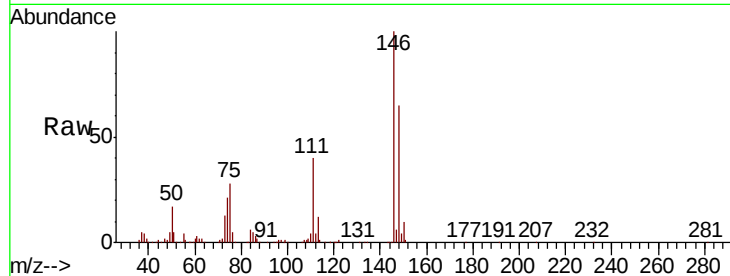
Tot Ion:146 Resp: 139542

Ion Ratio Lower Upper

146 100

111 40.3 20.5 61.5

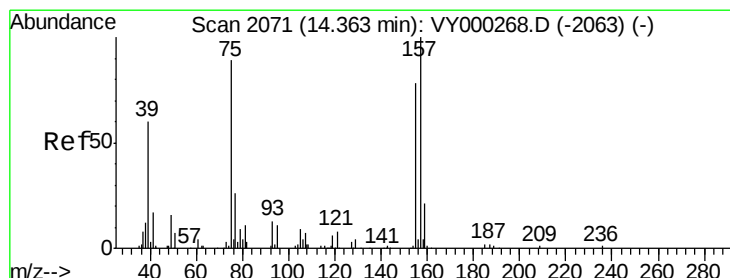
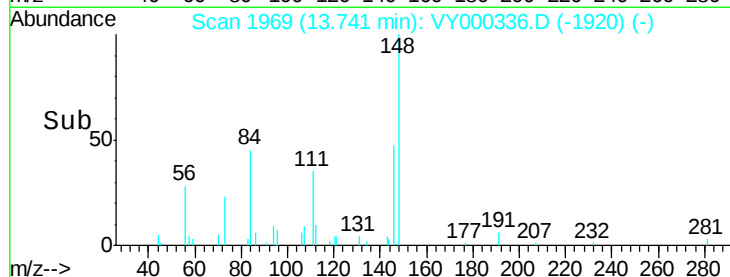
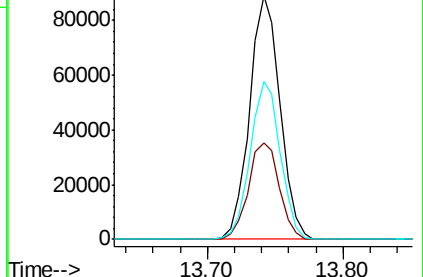
148 64.2 31.6 95.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 22.584 ug/l

RT: 14.36 min Scan# 2070

Delta R.T. -0.01 min

Lab File: VY000336.D

Acq: 17 Oct 2019 11:16

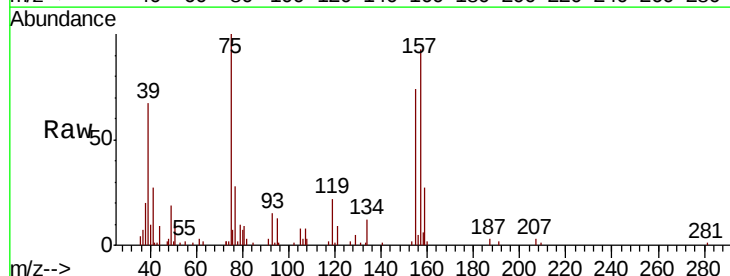
Tgt Ion: 75 Resp: 12994

Ion Ratio Lower Upper

75 100

155 80.9 45.8 137.3

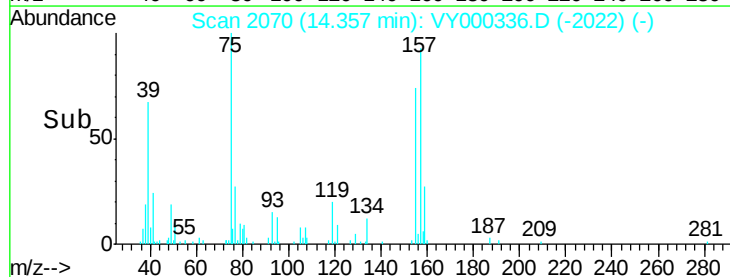
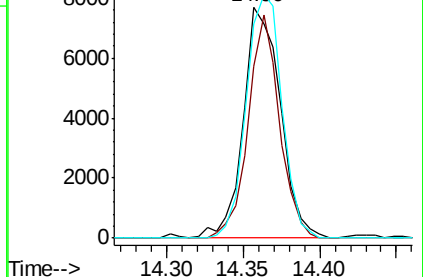
157 101.5 55.6 166.9

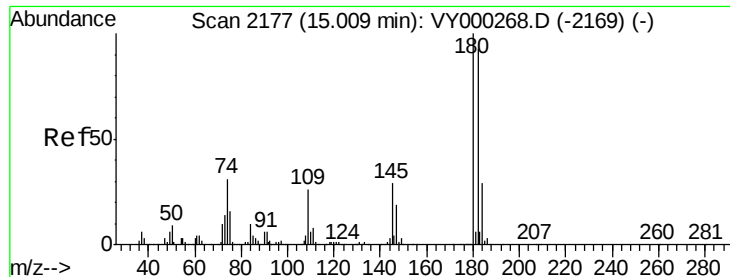


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

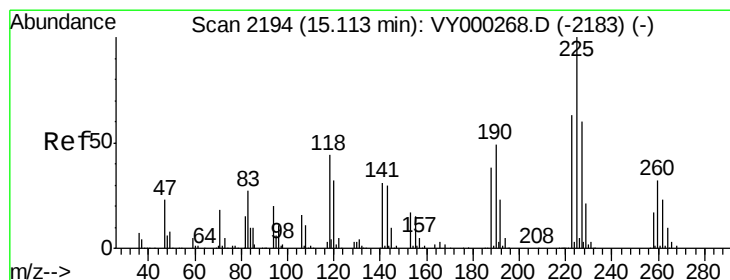
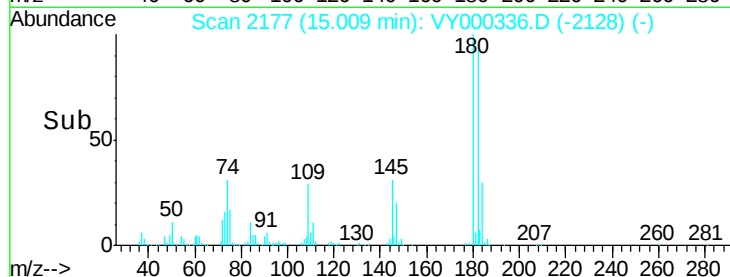
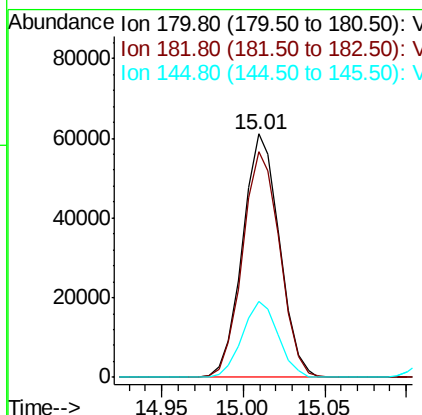
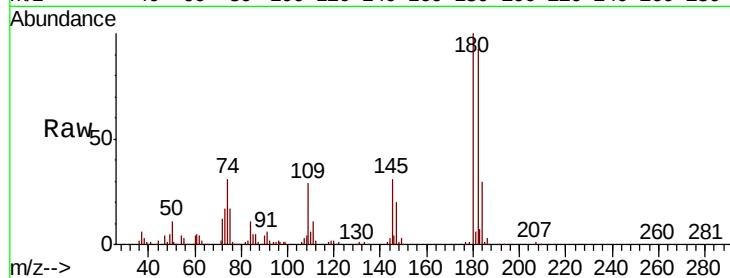




#93
 1,2,4-Trichlorobenzene
 Concen: 21.506 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VY000336.D
 Acq: 17 Oct 2019 11:16

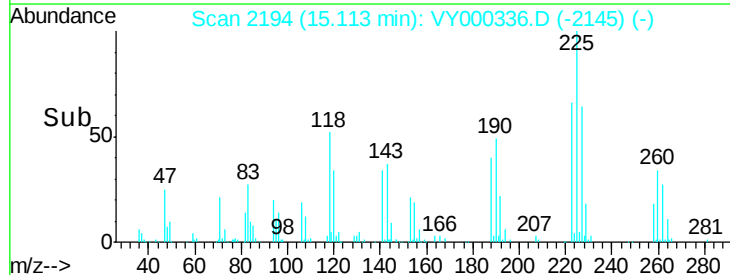
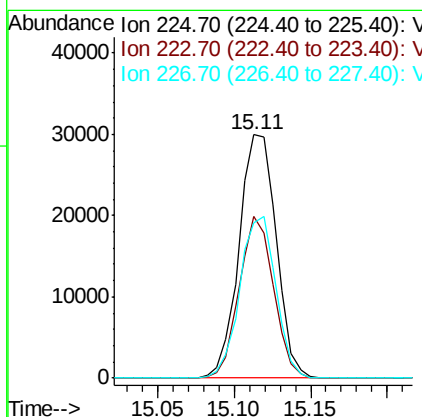
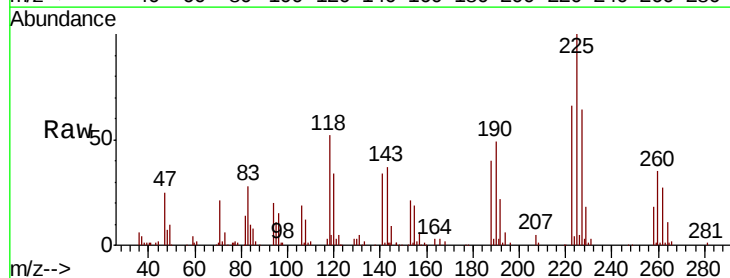
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1017SBS01

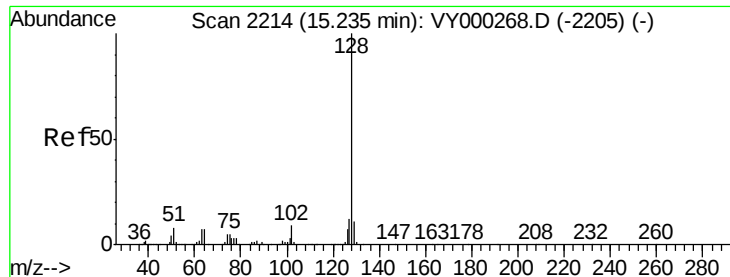
Tot Ion	Ratio	Lower	Upper
180	100		
182	93.7	47.5	142.6
145	30.5	15.4	46.1



#94
 Hexachlorobutadiene
 Concen: 20.979 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. 0.00 min
 Lab File: VY000336.D
 Acq: 17 Oct 2019 11:16

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.1	31.9	95.7
227	64.3	31.4	94.2

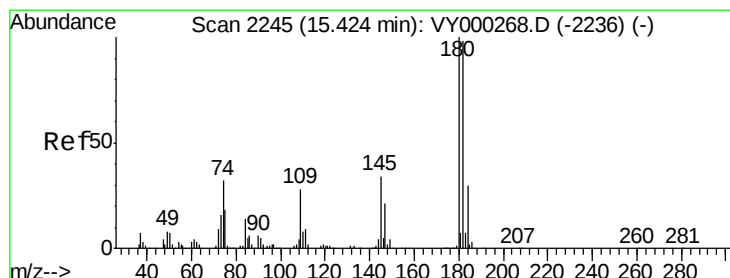
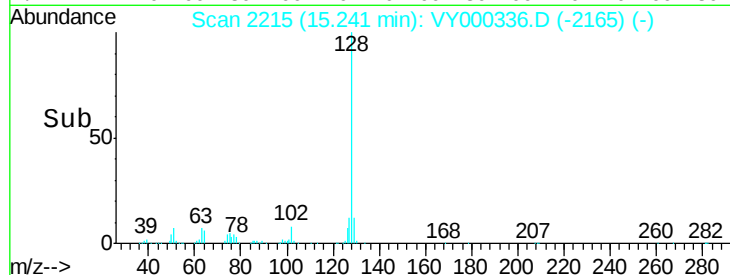
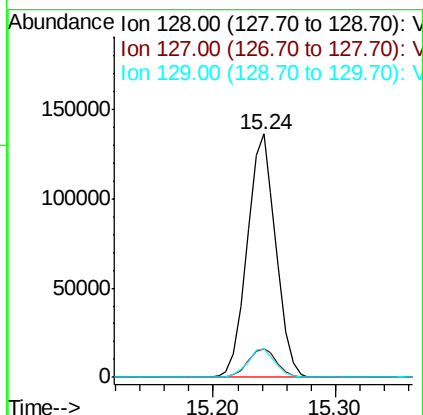
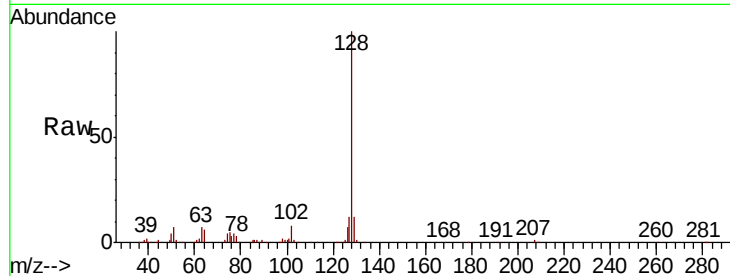




#95
Naphthalene
Concen: 22.181 ug/l
RT: 15.24 min Scan# 2215
Delta R.T. 0.01 min
Lab File: VY000336.D
Acq: 17 Oct 2019 11:16

Instrument :
MSVOA_Y
ClientSampleId :
VY1017SBS01

Tot Ion:128 Resp: 220950
Ion Ratio Lower Upper
128 100
127 11.9 9.6 14.4
129 11.4 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 21.372 ug/l
RT: 15.43 min Scan# 2246
Delta R.T. 0.01 min
Lab File: VY000336.D
Acq: 17 Oct 2019 11:16

Tgt Ion:180 Resp: 85976
Ion Ratio Lower Upper
180 100
182 94.4 46.5 139.5
145 33.6 16.2 48.5

