

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY101819\
 Data File : VY000355.D
 Acq On : 18 Oct 2019 17:16
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Oct 19 01:31:10 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	261540	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	429305	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	390525	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	194684	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	154190	55.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.78%	
35) Dibromofluoromethane	7.72	113	137308	53.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.04%	
50) Toluene-d8	10.18	98	540415	54.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.50%	
62) 4-Bromofluorobenzene	12.49	95	200578	53.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	92792	44.433	ug/l	99
3) Chloromethane	2.12	50	130170	40.730	ug/l	97
4) Vinyl Chloride	2.26	62	143881	44.609	ug/l	100
5) Bromomethane	2.65	94	101799	42.587	ug/l	97
6) Chloroethane	2.80	64	99042	47.591	ug/l	96
7) Trichlorofluoromethane	3.13	101	217383	49.271	ug/l	98
8) Diethyl Ether	3.53	74	83538	53.597	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.91	101	134851	50.399	ug/l	97
10) Methyl Iodide	4.09	142	189217	49.657	ug/l	99
11) Tert butyl alcohol	4.96	59	73277	253.804	ug/l	100
12) 1,1-Dichloroethene	3.87	96	129395	48.986	ug/l	96
13) Acrolein	3.74	56	84843	250.653	ug/l	98
14) Allyl chloride	4.48	41	219500	50.144	ug/l	99
15) Acrylonitrile	5.18	53	226868	260.053	ug/l	99
16) Acetone	3.96	43	197275	220.807	ug/l	99
17) Carbon Disulfide	4.19	76	371524	44.672	ug/l	99
18) Methyl Acetate	4.49	43	112277	50.579	ug/l	99
19) Methyl tert-butyl Ether	5.22	73	400895	54.519	ug/l	98
20) Methylene Chloride	4.72	84	154477	51.478	ug/l	96
21) trans-1,2-Dichloroethene	5.22	96	148226	48.910	ug/l	91
22) Diisopropyl ether	6.13	45	498019	53.791	ug/l	96
23) Vinyl Acetate	6.07	43	1616821	267.685	ug/l	99
24) 1,1-Dichloroethane	6.03	63	262698	51.983	ug/l	99
25) 2-Butanone	7.00	43	327270	260.036	ug/l	99
26) 2,2-Dichloropropane	6.99	77	236637	50.817	ug/l	99
27) cis-1,2-Dichloroethene	7.00	96	170256	51.918	ug/l	99
28) Bromochloromethane	7.35	49	117217	54.032	ug/l	95
29) Tetrahydrofuran	7.36	42	197847	259.392	ug/l	99
30) Chloroform	7.52	83	269669	52.988	ug/l	98
31) Cyclohexane	7.79	56	249494	47.269	ug/l	96
32) 1,1,1-Trichloroethane	7.71	97	243260	53.764	ug/l	99
36) 1,1-Dichloropropene	7.92	75	208757	49.667	ug/l	98
37) Ethyl Acetate	7.08	43	128795	51.750	ug/l	98
38) Carbon Tetrachloride	7.91	117	206083	50.639	ug/l	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	266120	48.375	ug/l	96
40) Benzene	8.17	78	622356	51.237	ug/l	100
41) Methacrylonitrile	7.32	41	61675m	52.061	ug/l	
42) 1,2-Dichloroethane	8.25	62	184109	53.062	ug/l	99
43) Isopropyl Acetate	8.28	43	252485	53.355	ug/l	100
44) Trichloroethene	8.95	130	171791	50.405	ug/l	98
45) 1,2-Dichloropropane	9.22	63	156866	52.625	ug/l	99
46) Dibromomethane	9.31	93	89810	53.897	ug/l	98
47) Bromodichloromethane	9.50	83	215565	54.892	ug/l	96
48) Methyl methacrylate	9.30	41	112879	54.428	ug/l	99
49) 1,4-Dioxane	9.30	88	24851	994.647	ug/l	99
51) 4-Methyl-2-Pentanone	10.08	43	688513	282.091	ug/l	99
52) Toluene	10.25	92	400908	51.986	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	235300	55.908	ug/l	100
54) cis-1,3-Dichloropropene	9.93	75	259508	54.296	ug/l	97
55) 1,1,2-Trichloroethane	10.65	97	129501	53.451	ug/l	96
56) Ethyl methacrylate	10.51	69	195656	56.657	ug/l	99
57) 1,3-Dichloropropane	10.79	76	229627	55.187	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.79	63	479650	348.218	ug/l	99
59) 2-Hexanone	10.83	43	514254	300.173	ug/l	100
60) Dibromochloromethane	10.99	129	150692	56.115	ug/l	96
61) 1,2-Dibromoethane	11.09	107	124980	53.725	ug/l	99
64) Tetrachloroethene	10.72	164	191264	51.445	ug/l	98
65) Chlorobenzene	11.52	112	422978	51.321	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.60	131	152906	52.814	ug/l	99
67) Ethyl Benzene	11.60	91	782481	51.215	ug/l	100
68) m/p-Xylenes	11.70	106	600445	102.803	ug/l	98
69) o-Xylene	12.03	106	283997	50.970	ug/l	99
70) Styrene	12.05	104	498351	53.034	ug/l	100
71) Bromoform	12.21	173	93765	56.338	ug/l	99
73) Isopropylbenzene	12.33	105	769403	50.685	ug/l	100
74) N-amyl acetate	12.14	43	237276	63.669	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	151642	53.204	ug/l	97
76) 1,2,3-Trichloropropane	12.64	75	104832m	43.790	ug/l	
77) Bromobenzene	12.61	156	173137	51.255	ug/l	99
78) n-propylbenzene	12.67	91	930164	51.035	ug/l	100
79) 2-Chlorotoluene	12.76	91	518316	51.494	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	658451	51.728	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.38	75	58300	53.284	ug/l	99
82) 4-Chlorotoluene	12.86	91	560544	52.683	ug/l	100
83) tert-Butylbenzene	13.08	119	546052	50.657	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	655640	52.188	ug/l	100
85) sec-Butylbenzene	13.25	105	802924	51.490	ug/l	100
86) p-Isopropyltoluene	13.37	119	714880	52.585	ug/l	99
87) 1,3-Dichlorobenzene	13.37	146	340928	51.225	ug/l	100
88) 1,4-Dichlorobenzene	13.45	146	345559	51.946	ug/l	99
89) n-Butylbenzene	13.70	91	705031	52.479	ug/l	99
90) Hexachloroethane	13.96	117	135410	53.790	ug/l	98
91) 1,2-Dichlorobenzene	13.74	146	318132	52.819	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	29697	54.938	ug/l	93

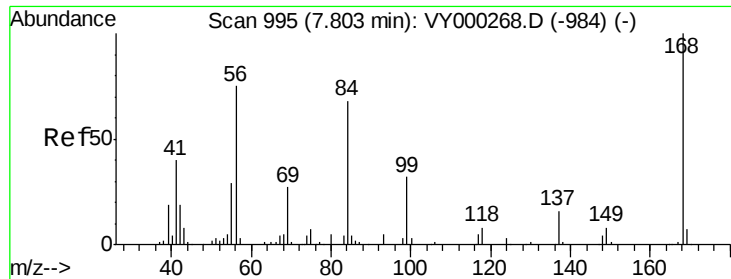
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	217286	51.815	ug/l	99
94) Hexachlorobutadiene	15.11	225	112813	49.711	ug/l	99
95) Naphthalene	15.23	128	492650	52.643	ug/l	99
96) 1,2,3-Trichlorobenzene	15.43	180	197757	52.325	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.01 min

Lab File: VY000355.D

Acq: 18 Oct 2019 17:16

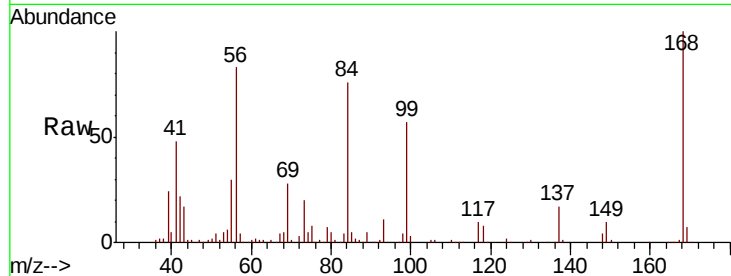
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion:168 Resp: 261540

Ion Ratio Lower Upper

168 100

99 57.2 46.6 69.8



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

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

7.80

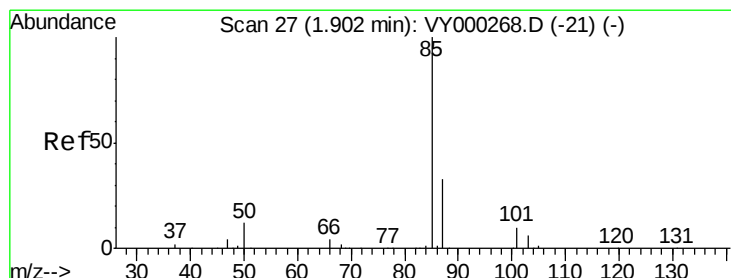
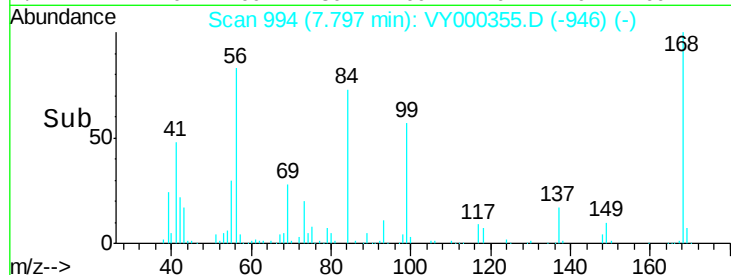
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 44.433 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.01 min

Lab File: VY000355.D

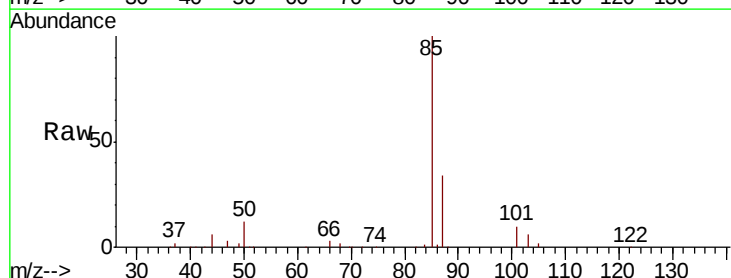
Acq: 18 Oct 2019 17:16

Tgt Ion: 85 Resp: 92792

Ion Ratio Lower Upper

85 100

87 33.8 16.6 49.8



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

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

1.91

60000

50000

40000

30000

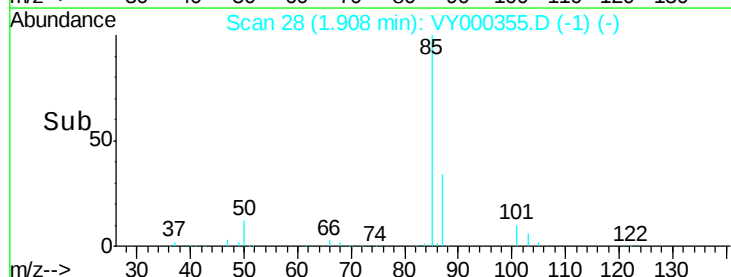
20000

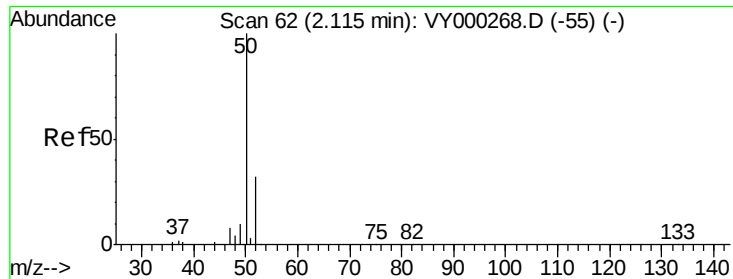
10000

0

1.80 1.85 1.90 1.95 2.00

Time-->





#3

Chloromethane

Concen: 40.730 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY000355.D

Acq: 18 Oct 2019 17:16

Instrument :

MSVOA_Y

ClientSampleId :

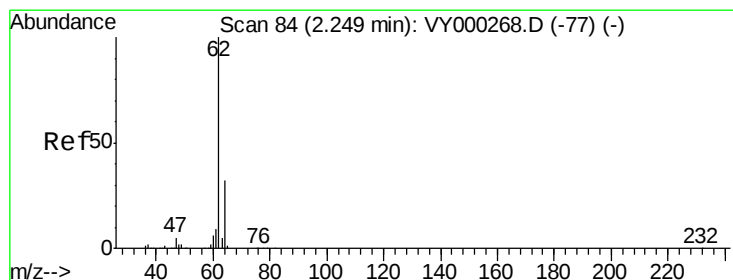
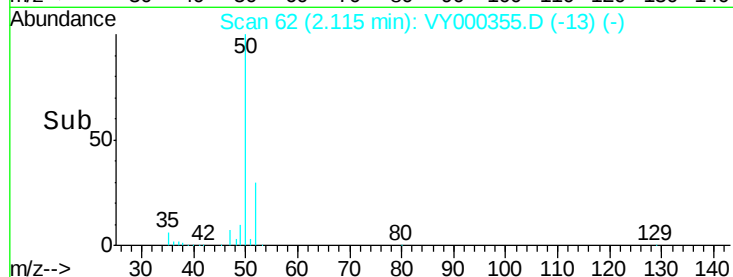
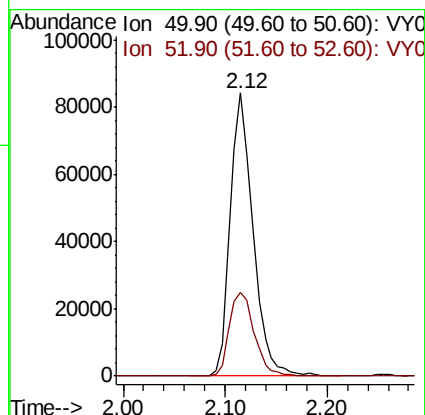
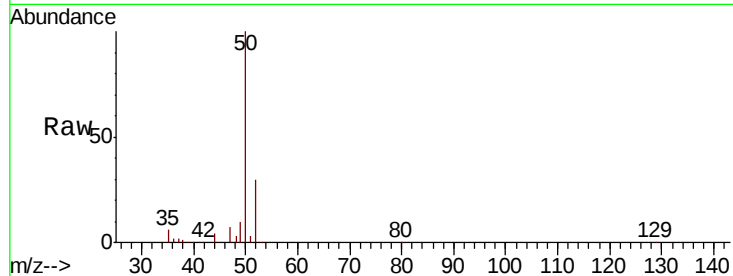
VSTDCCC050EC

Tot Ion: 50 Resp: 130170

Ion Ratio Lower Upper

50 100

52 29.8 25.3 37.9



#4

Vinyl Chloride

Concen: 44.609 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.01 min

Lab File: VY000355.D

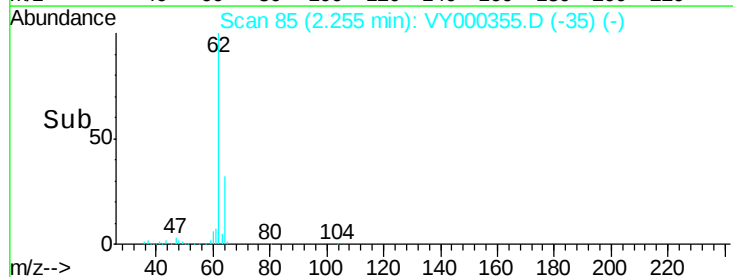
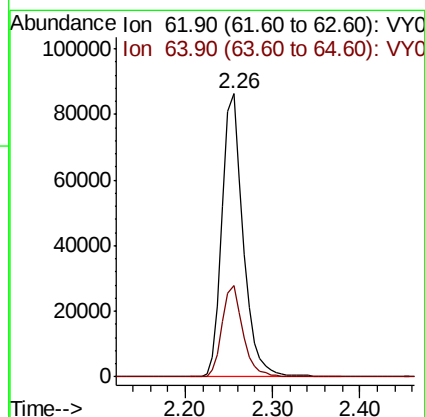
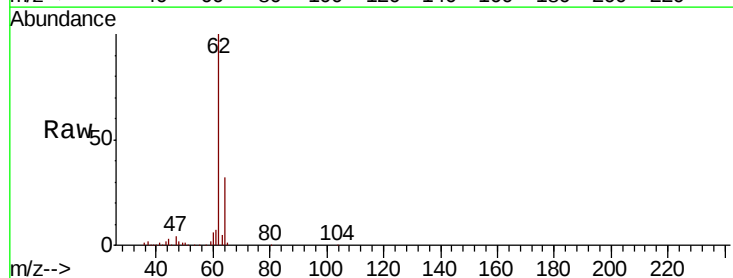
Acq: 18 Oct 2019 17:16

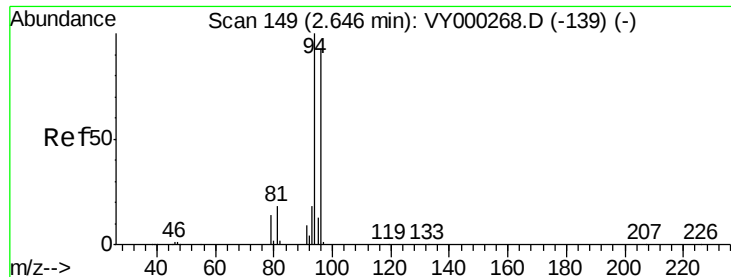
Tgt Ion: 62 Resp: 143881

Ion Ratio Lower Upper

62 100

64 32.1 25.6 38.4





#5

Bromomethane

Concen: 42.587 ug/l

RT: 2.65 min Scan# 149

Delta R.T. 0.00 min

Lab File: VY000355.D

Acq: 18 Oct 2019 17:16

Instrument :

MSVOA_Y

ClientSampleId :

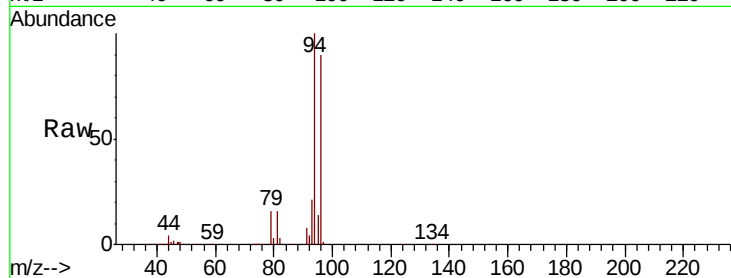
VSTDCCC050EC

Tot Ion: 94 Resp: 101799

Ion Ratio Lower Upper

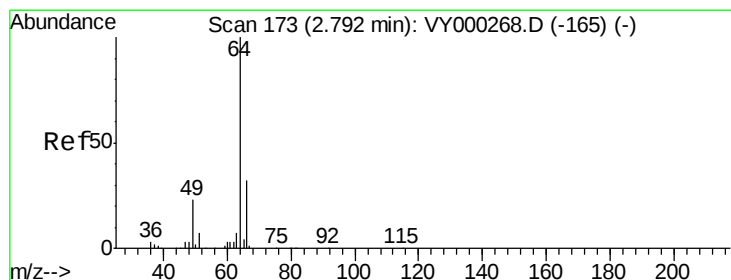
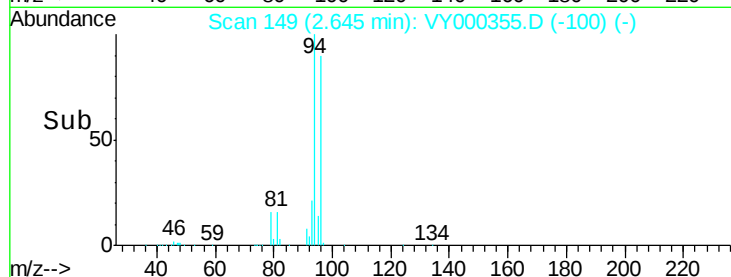
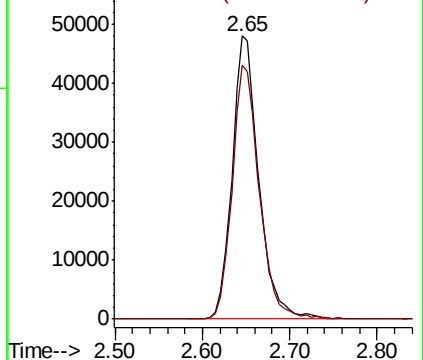
94 100

96 89.8 74.2 111.2



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 47.591 ug/l

RT: 2.80 min Scan# 174

Delta R.T. 0.01 min

Lab File: VY000355.D

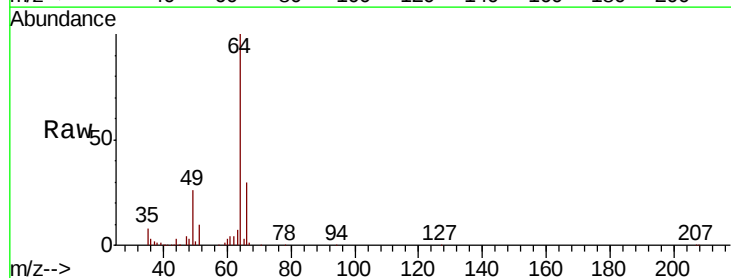
Acq: 18 Oct 2019 17:16

Tgt Ion: 64 Resp: 99042

Ion Ratio Lower Upper

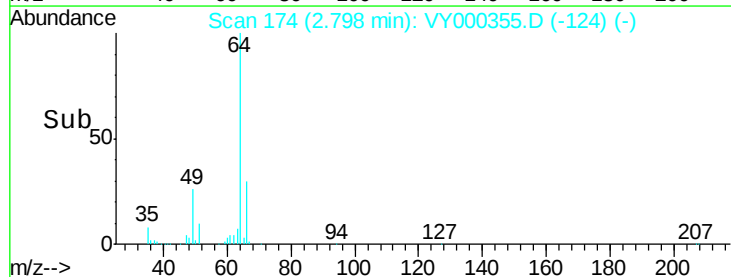
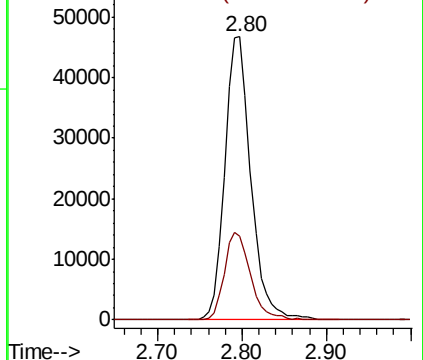
64 100

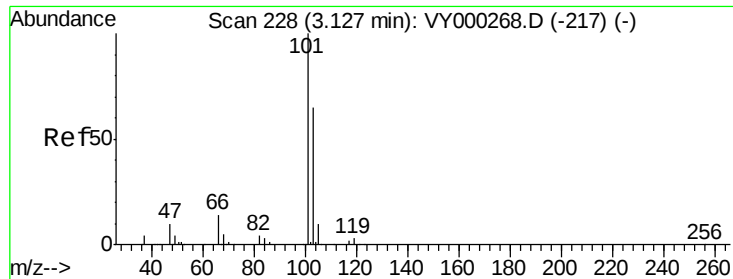
66 29.5 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



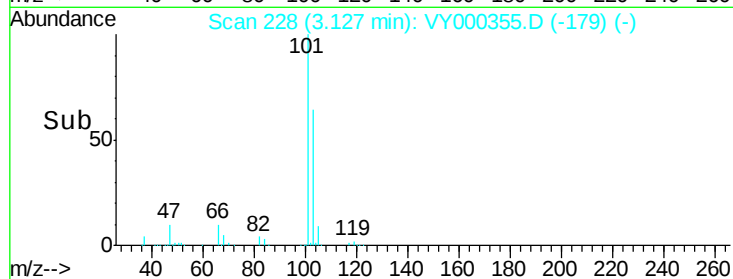
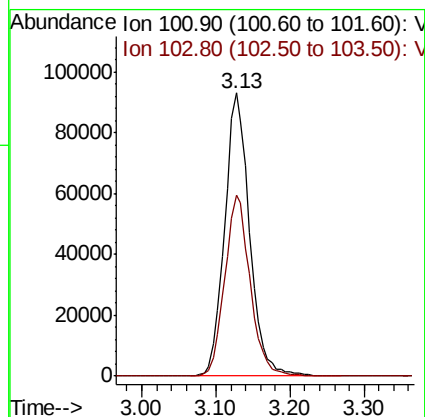
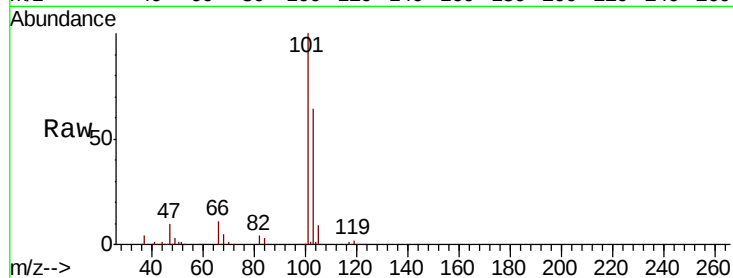


#7

Trichlorofluoromethane
 Concen: 49.271 ug/l
 RT: 3.13 min Scan# 228
 Delta R.T. -0.00 min
 Lab File: VY000355.D
 Acq: 18 Oct 2019 17:16

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

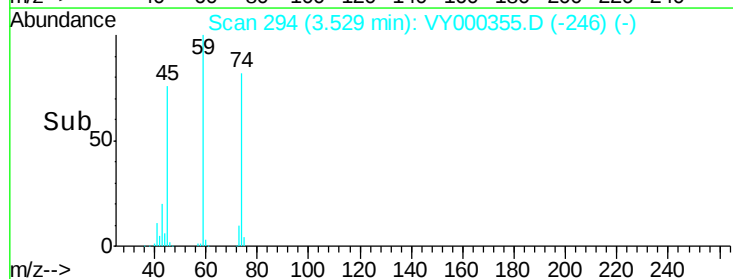
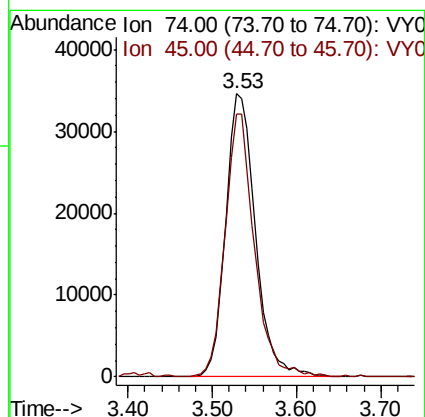
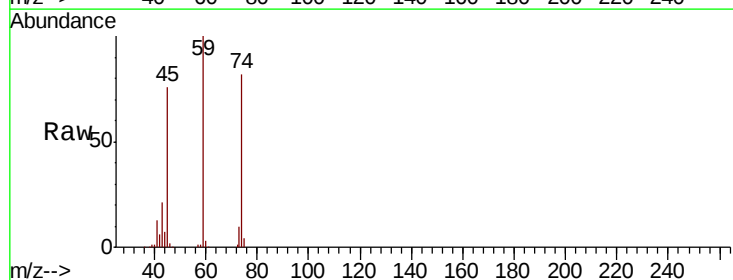
Tot Ion:101 Resp: 217383
 Ion Ratio Lower Upper
 101 100
 103 63.8 52.2 78.4

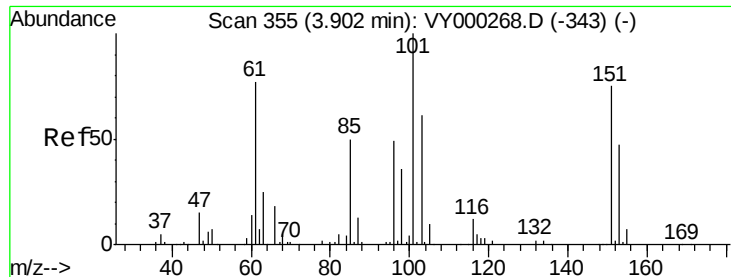


#8

Diethyl Ether
 Concen: 53.597 ug/l
 RT: 3.53 min Scan# 294
 Delta R.T. -0.01 min
 Lab File: VY000355.D
 Acq: 18 Oct 2019 17:16

Tgt Ion: 74 Resp: 83538
 Ion Ratio Lower Upper
 74 100
 45 91.5 47.1 141.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.399 ug/l

RT: 3.91 min Scan# 356

Delta R.T. 0.01 min

Lab File: VY000355.D

Acq: 18 Oct 2019 17:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

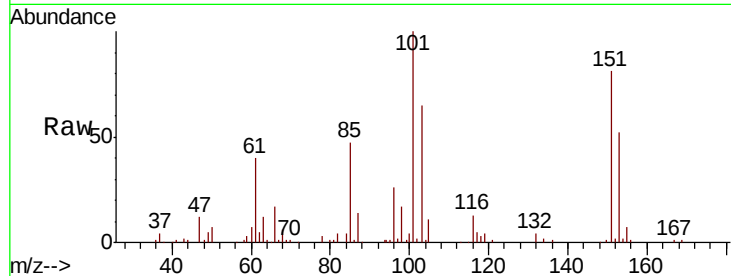
Tot Ion:101 Resp: 134851

Ion Ratio Lower Upper

101 100

85 44.4 36.6 55.0

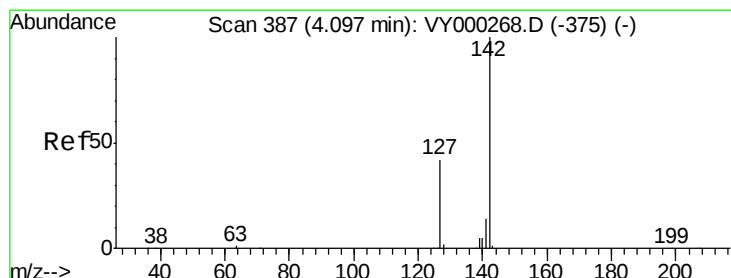
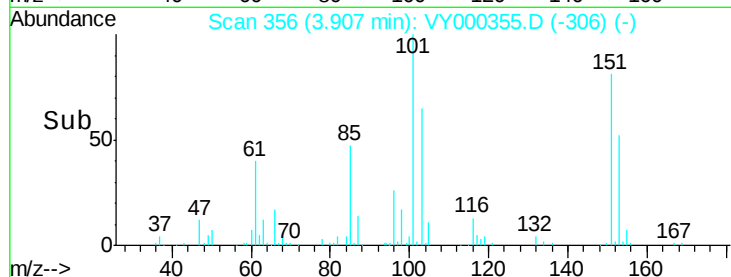
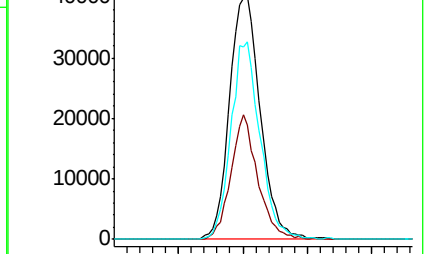
151 76.5 63.1 94.7



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VY0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 49.657 ug/l

RT: 4.09 min Scan# 386

Delta R.T. -0.01 min

Lab File: VY000355.D

Acq: 18 Oct 2019 17:16

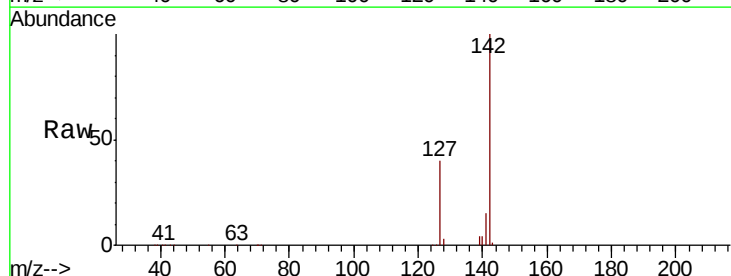
Tgt Ion:142 Resp: 189217

Ion Ratio Lower Upper

142 100

127 42.0 33.9 50.9

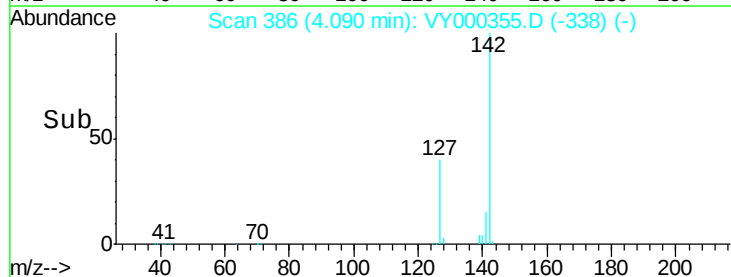
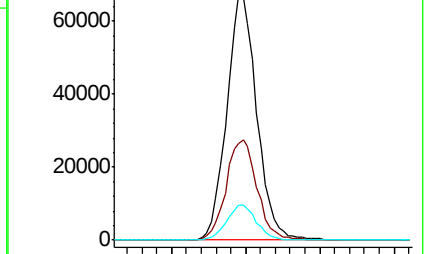
141 14.3 11.2 16.8

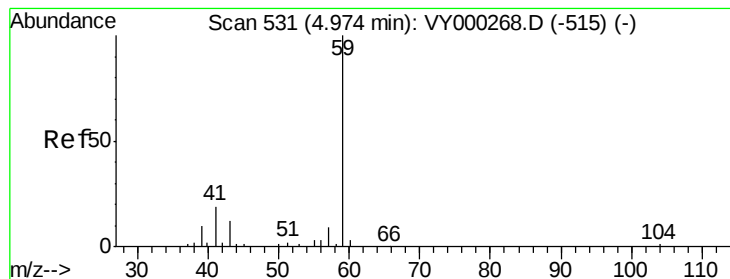


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



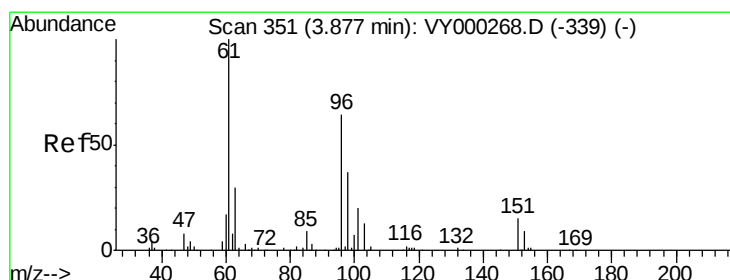
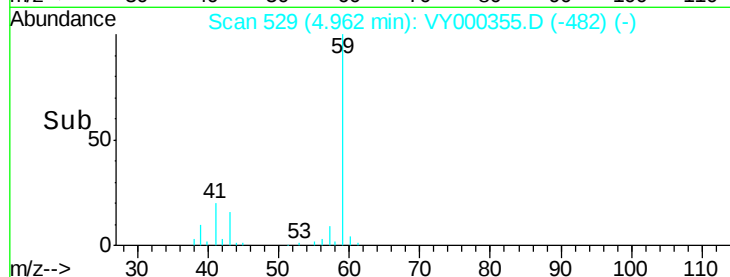
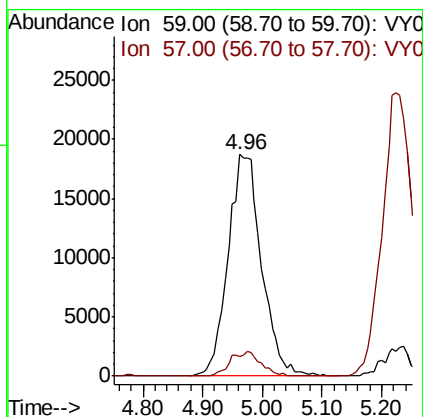
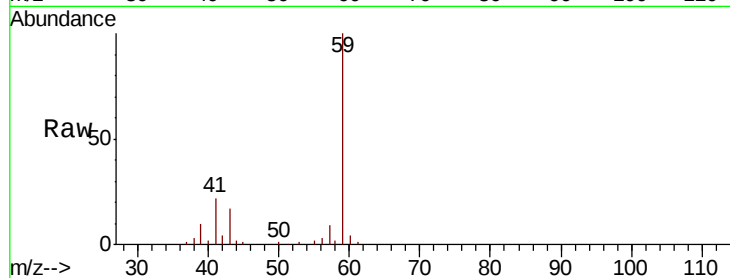


#11

Tert butyl alcohol
 Concen: 253.804 ug/l
 RT: 4.96 min Scan# 529
 Delta R.T. -0.01 min
 Lab File: VY000355.D
 Acq: 18 Oct 2019 17:16

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

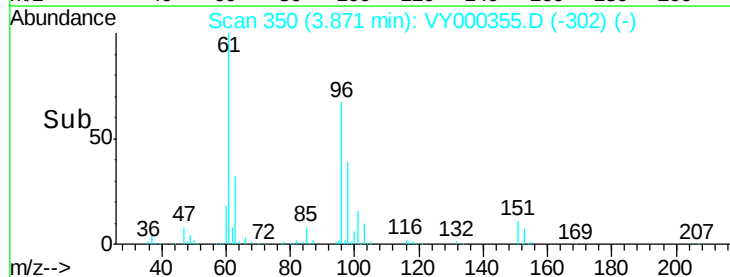
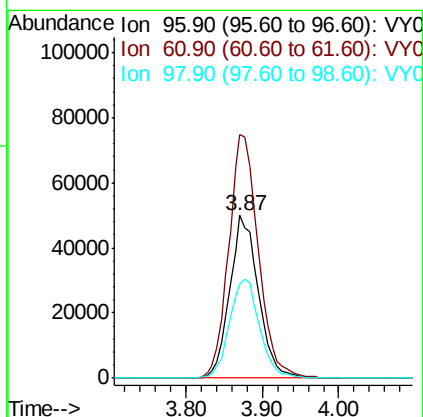
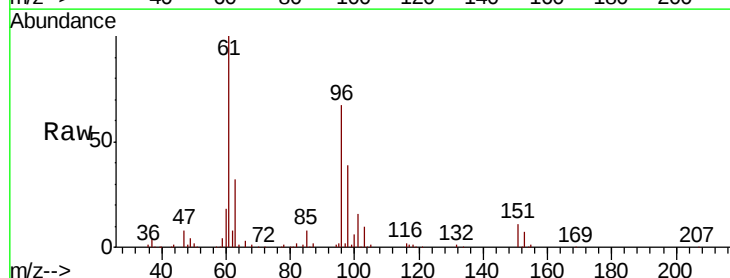
Tot Ion: 59 Resp: 73277
 Ion Ratio Lower Upper
 59 100
 57 10.3 8.2 12.2

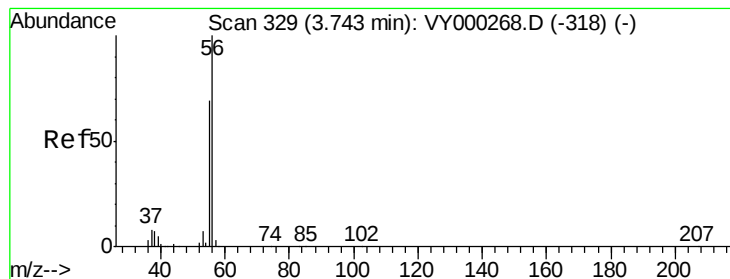


#12

1,1-Dichloroethene
 Concen: 48.986 ug/l
 RT: 3.87 min Scan# 350
 Delta R.T. -0.01 min
 Lab File: VY000355.D
 Acq: 18 Oct 2019 17:16

Tgt Ion: 96 Resp: 129395
 Ion Ratio Lower Upper
 96 100
 61 149.6 125.8 188.6
 98 58.0 46.2 69.2





#13

Acrolein

Concen: 250.653 ug/l

RT: 3.74 min Scan# 328

Delta R.T. -0.01 min

Lab File: VY000355.D

Acq: 18 Oct 2019 17:16

Instrument :

MSVOA_Y

ClientSampleId :

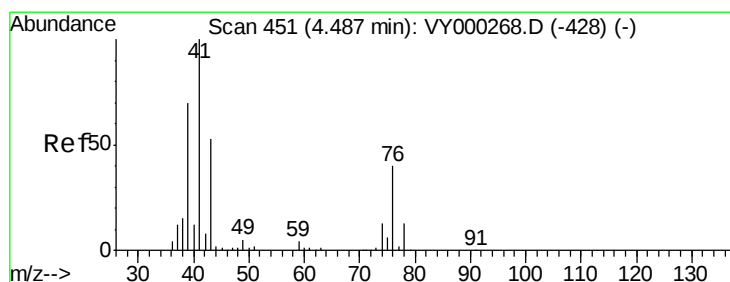
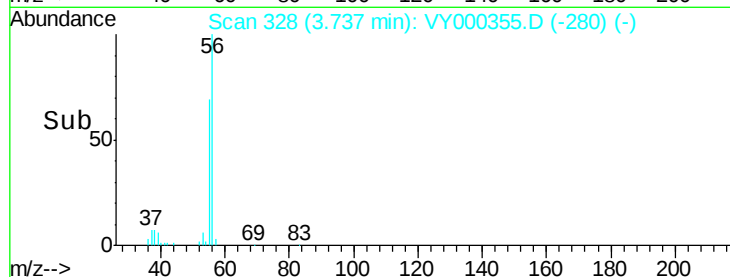
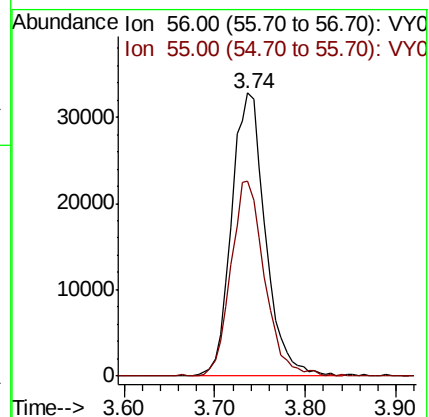
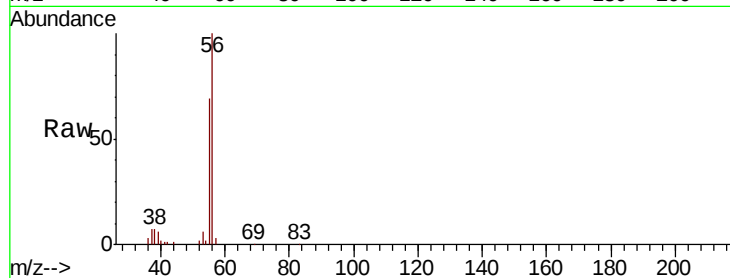
VSTDCCC050EC

Tot Ion: 56 Resp: 84843

Ion Ratio Lower Upper

56 100

55 68.0 55.7 83.5



#14

Allyl chloride

Concen: 50.144 ug/l

RT: 4.48 min Scan# 450

Delta R.T. -0.01 min

Lab File: VY000355.D

Acq: 18 Oct 2019 17:16

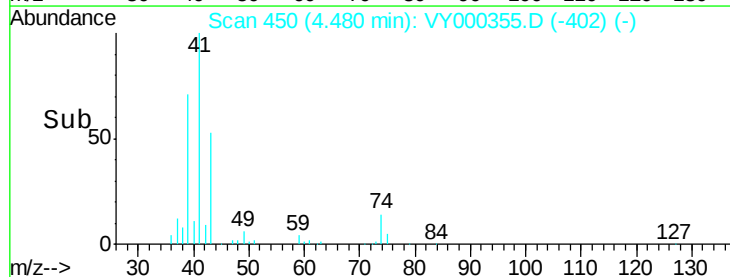
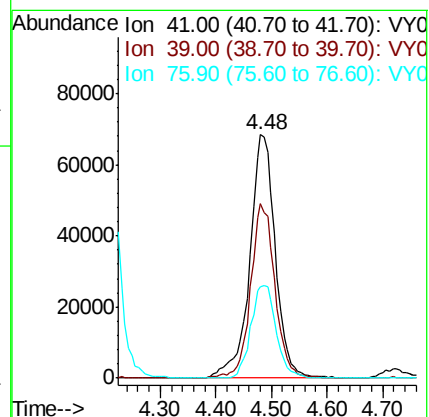
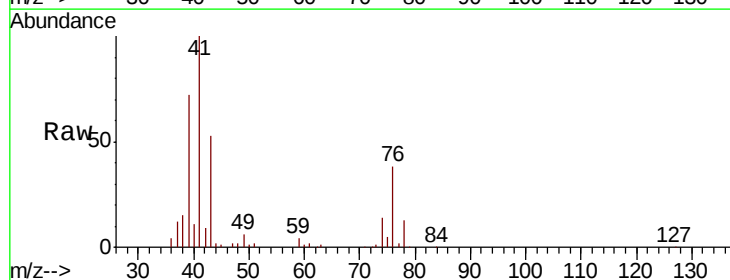
Tgt Ion: 41 Resp: 219500

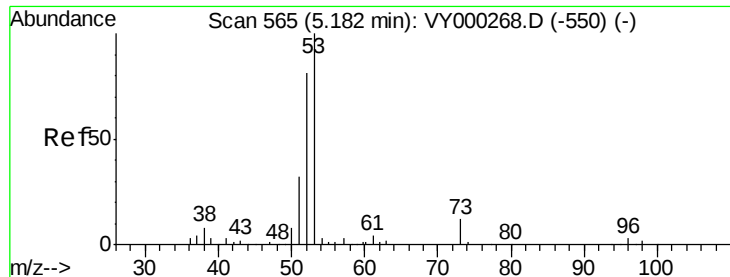
Ion Ratio Lower Upper

41 100

39 68.1 54.0 81.0

76 37.7 30.7 46.1





#15

Acrylonitrile

Concen: 260.053 ug/l

RT: 5.18 min Scan# 564

Delta R.T. -0.01 min

Lab File: VY000355.D

Acq: 18 Oct 2019 17:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

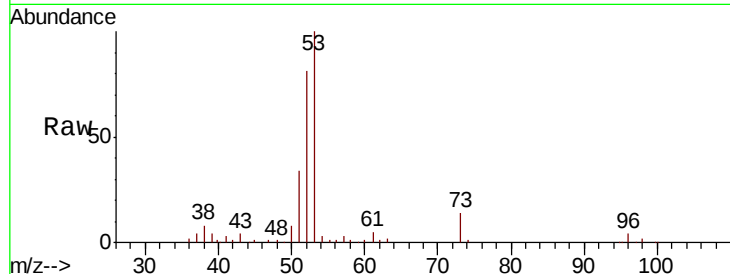
Tot Ion: 53 Resp: 226868

Ion Ratio Lower Upper

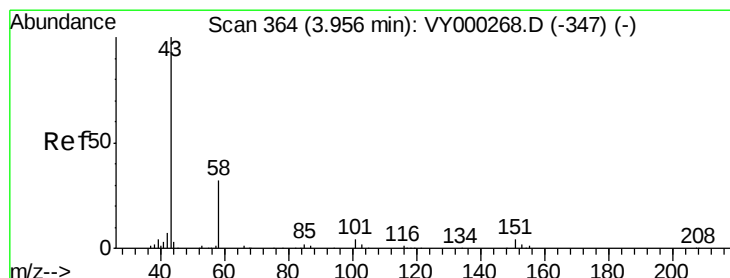
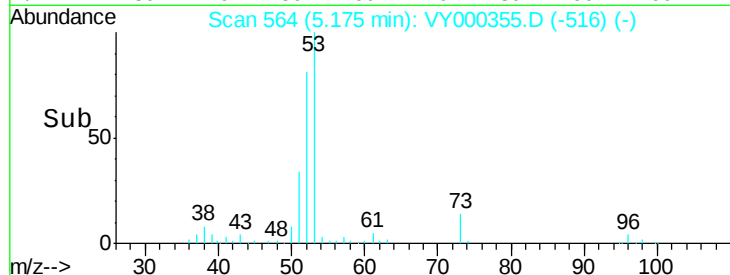
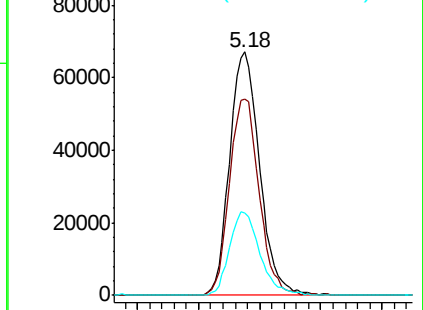
53 100

52 79.4 62.9 94.3

51 34.9 26.9 40.3



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



#16

Acetone

Concen: 220.807 ug/l

RT: 3.96 min Scan# 364

Delta R.T. -0.00 min

Lab File: VY000355.D

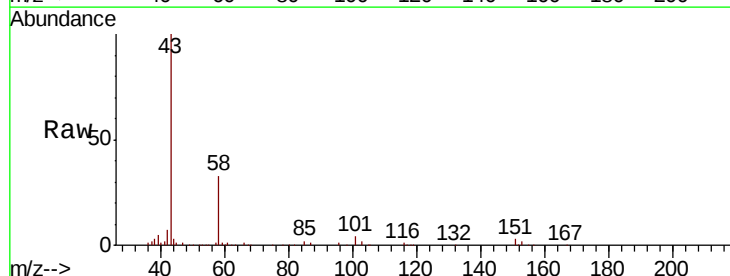
Acq: 18 Oct 2019 17:16

Tgt Ion: 43 Resp: 197275

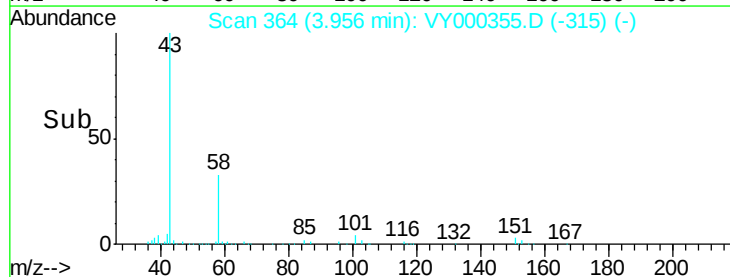
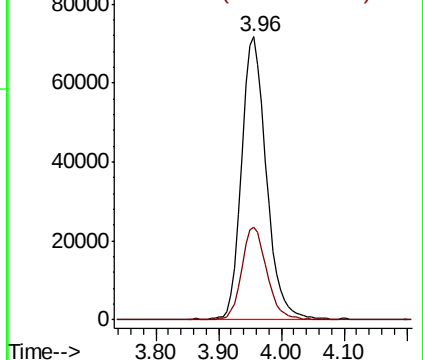
Ion Ratio Lower Upper

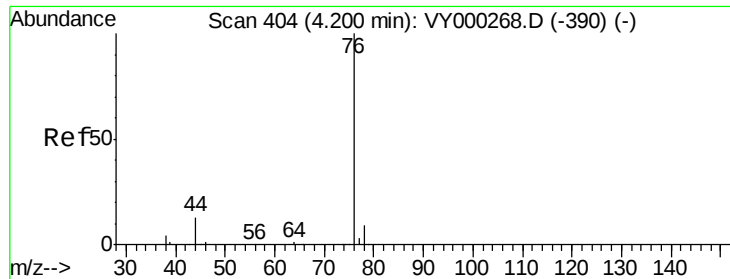
43 100

58 32.7 25.8 38.6



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

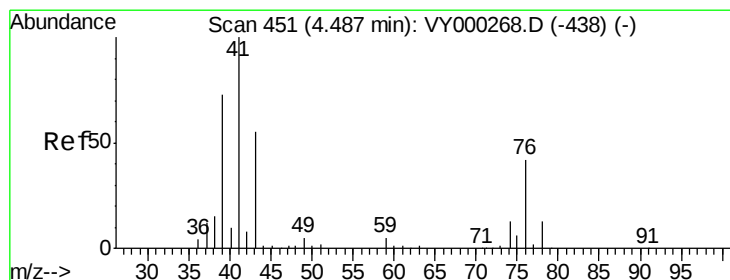
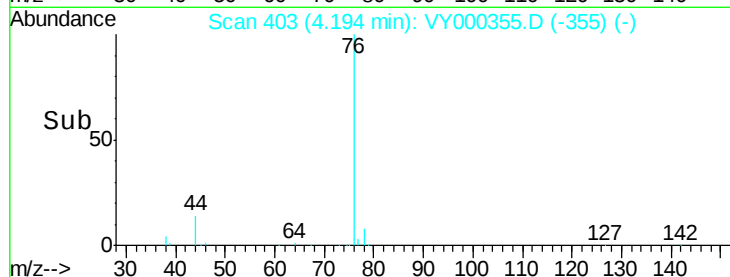
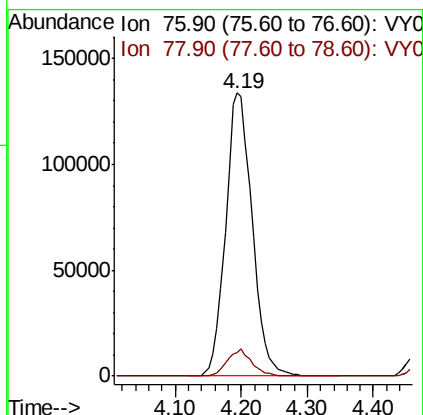
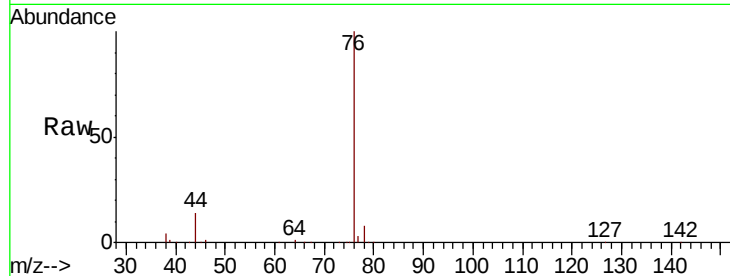




#17
Carbon Disulfide
Concen: 44.672 ug/l
RT: 4.19 min Scan# 403
Delta R.T. -0.01 min
Lab File: VY000355.D
Acq: 18 Oct 2019 17:16

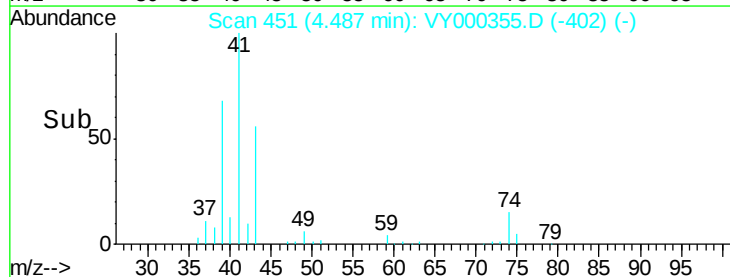
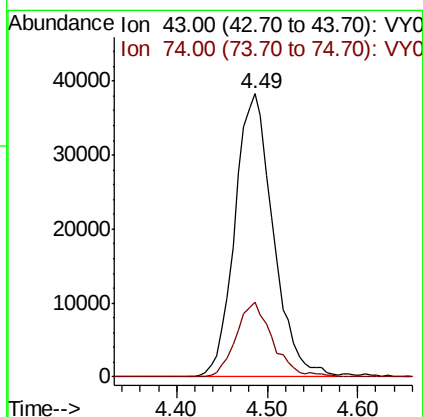
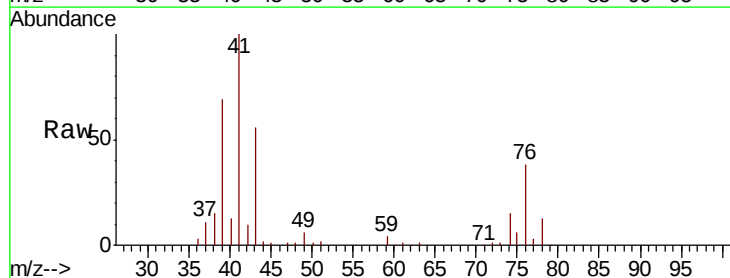
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

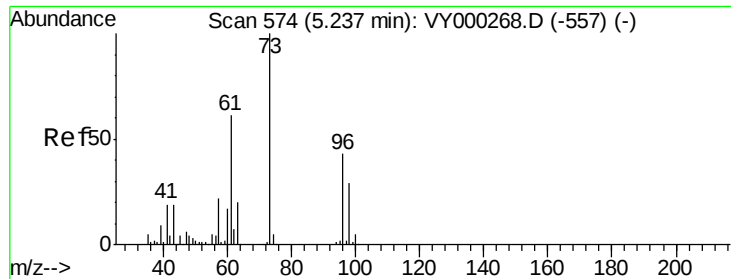
Tot Ion: 76 Resp: 371524
Ion Ratio Lower Upper
76 100
78 8.3 7.0 10.4



#18
Methyl Acetate
Concen: 50.579 ug/l
RT: 4.49 min Scan# 451
Delta R.T. -0.00 min
Lab File: VY000355.D
Acq: 18 Oct 2019 17:16

Tgt Ion: 43 Resp: 112277
Ion Ratio Lower Upper
43 100
74 25.2 20.4 30.6

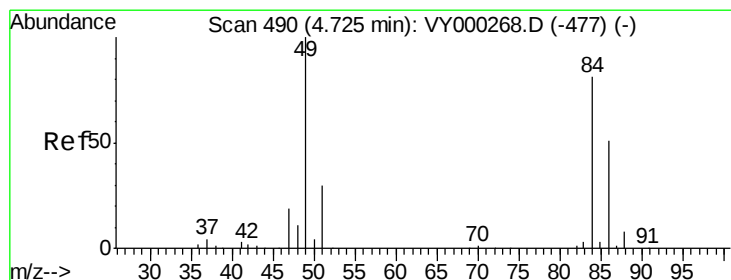
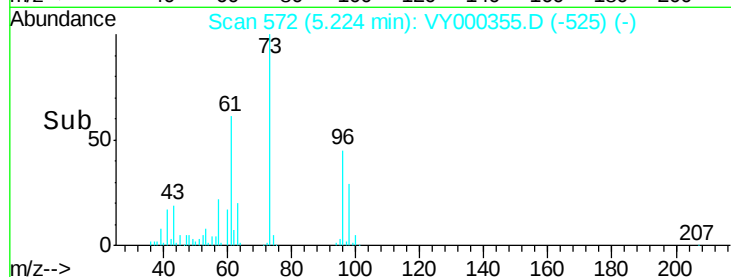
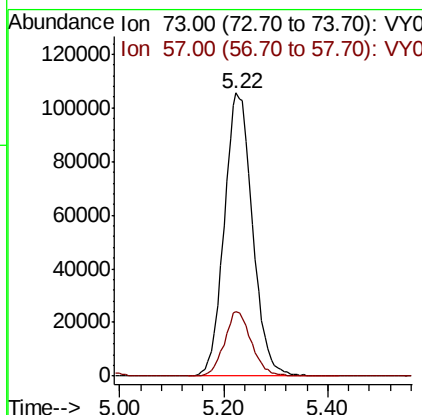
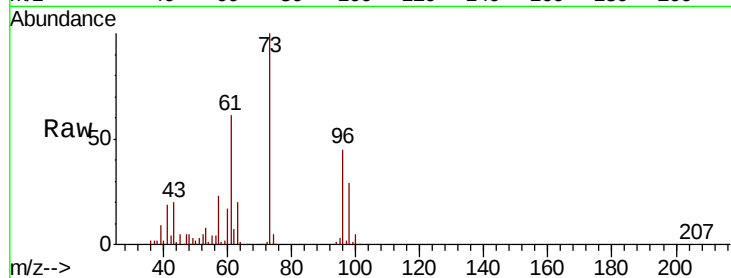




#19
Methyl tert-butyl Ether
Concen: 54.519 ug/l
RT: 5.22 min Scan# 572
Delta R.T. -0.01 min
Lab File: VY000355.D
Acq: 18 Oct 2019 17:16

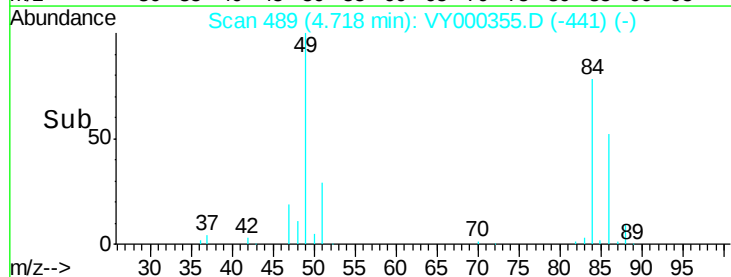
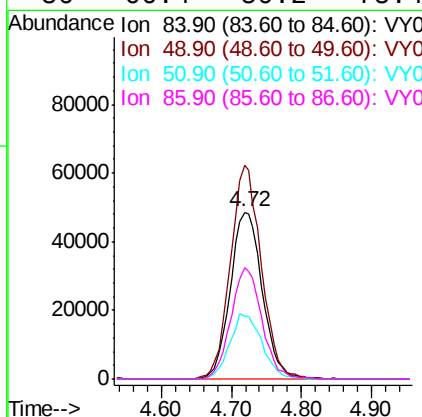
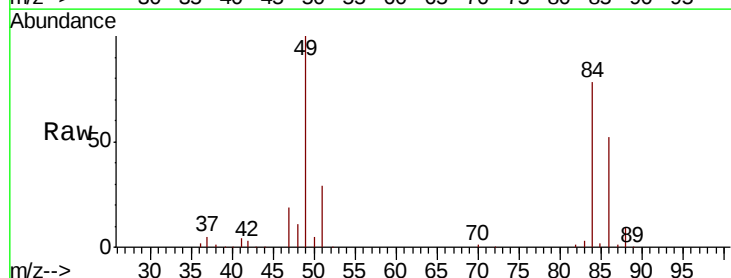
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

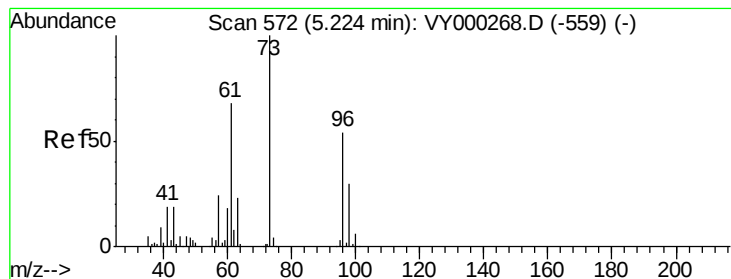
Tot Ion: 73 Resp: 400895
Ion Ratio Lower Upper
73 100
57 22.7 17.4 26.0



#20
Methylene Chloride
Concen: 51.478 ug/l
RT: 4.72 min Scan# 489
Delta R.T. -0.01 min
Lab File: VY000355.D
Acq: 18 Oct 2019 17:16

Tgt Ion: 84 Resp: 154477
Ion Ratio Lower Upper
84 100
49 128.0 99.0 148.4
51 37.4 29.3 43.9
86 66.4 50.2 75.4





#21

trans-1,2-Dichloroethene

Concen: 48.910 ug/l

RT: 5.22 min Scan# 572

Delta R.T. -0.00 min

Lab File: VY000355.D

Acq: 18 Oct 2019 17:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

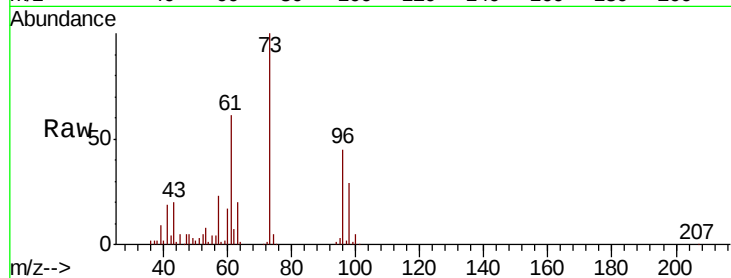
Tot Ion: 96 Resp: 148226

Ion Ratio Lower Upper

96 100

61 134.3 100.4 150.6

98 65.4 44.6 66.8

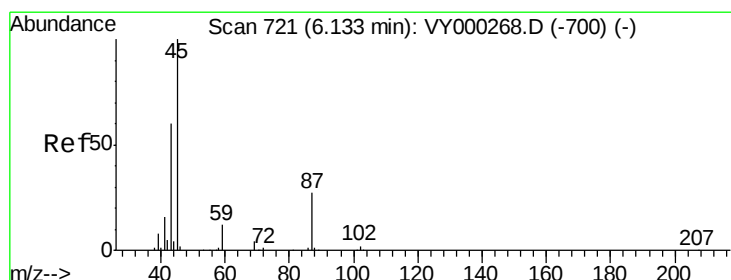
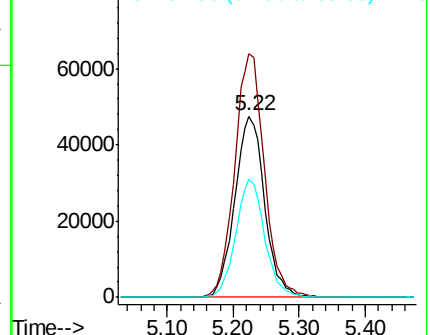
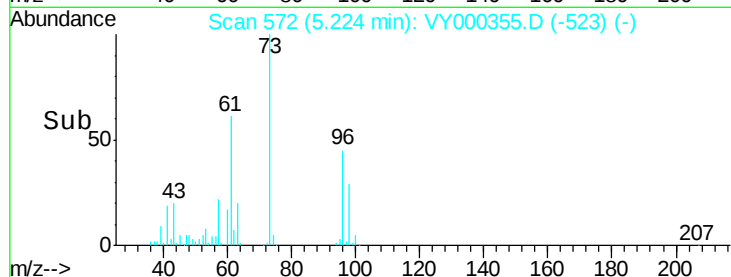


Abundance

Ion 95.90 (95.60 to 96.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

Ion 97.90 (97.60 to 98.60): VY0



#22

Diisopropyl ether

Concen: 53.791 ug/l

RT: 6.13 min Scan# 720

Delta R.T. -0.01 min

Lab File: VY000355.D

Acq: 18 Oct 2019 17:16

Tgt Ion: 45 Resp: 498019

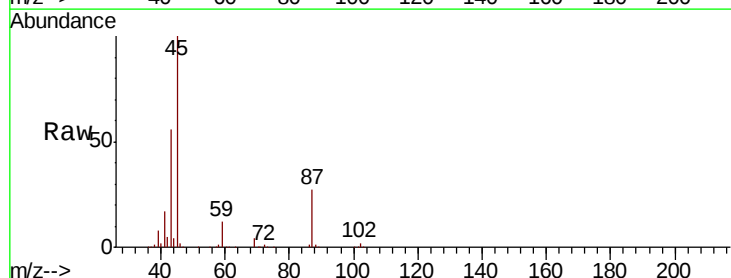
Ion Ratio Lower Upper

45 100

43 56.1 48.5 72.7

87 26.5 21.5 32.3

59 11.6 9.4 14.0



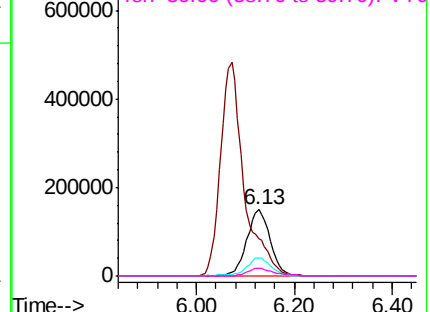
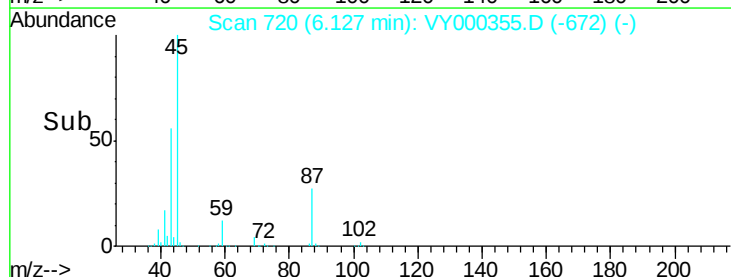
Abundance

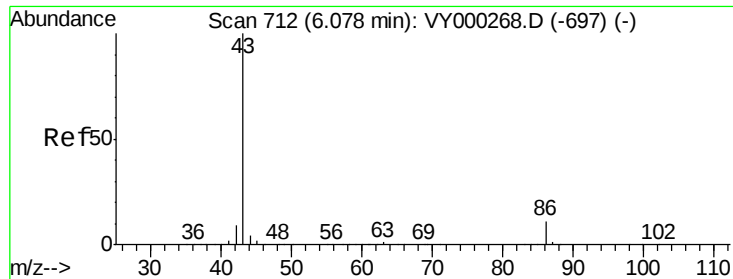
Ion 45.00 (44.70 to 45.70): VY0

Ion 43.00 (42.70 to 43.70): VY0

Ion 87.00 (86.70 to 87.70): VY0

Ion 59.00 (58.70 to 59.70): VY0





#23

Vinyl Acetate

Concen: 267.685 ug/l

RT: 6.07 min Scan# 711

Delta R.T. -0.01 min

Lab File: VY000355.D

Acq: 18 Oct 2019 17:16

Instrument :

MSVOA_Y

ClientSampleId :

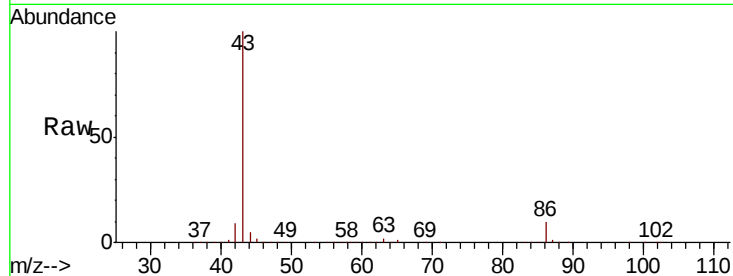
VSTDCCC050EC

Tot Ion: 43 Resp: 1616821

Ion Ratio Lower Upper

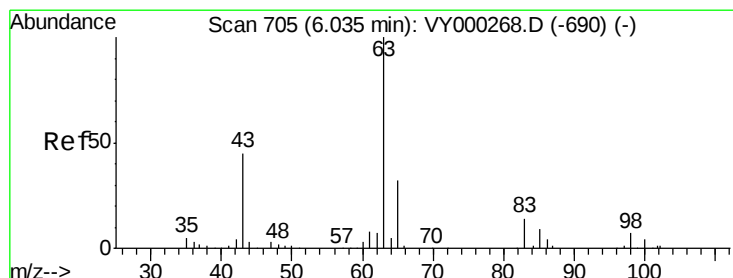
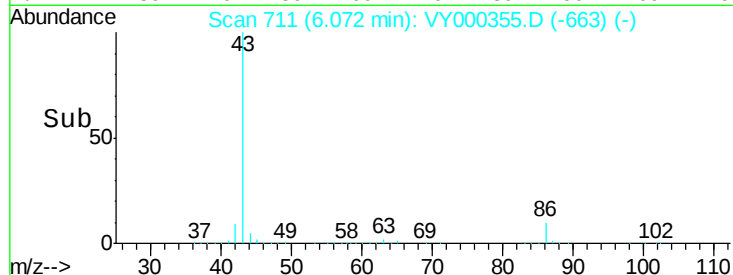
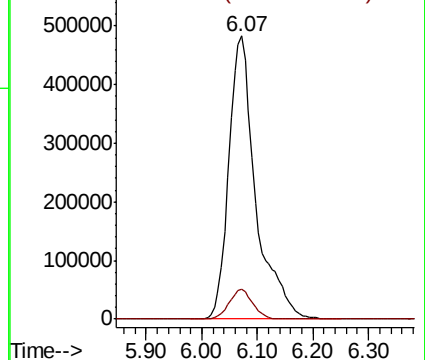
43 100

86 10.4 8.6 13.0



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 51.983 ug/l

RT: 6.03 min Scan# 704

Delta R.T. -0.01 min

Lab File: VY000355.D

Acq: 18 Oct 2019 17:16

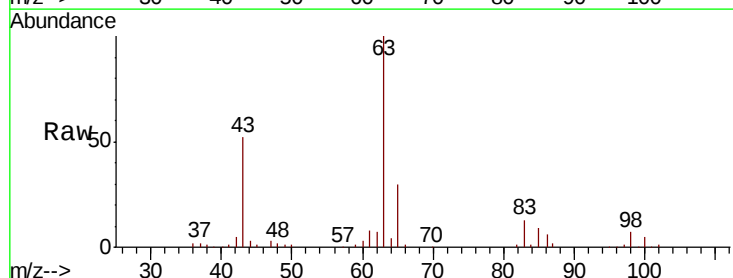
Tgt Ion: 63 Resp: 262698

Ion Ratio Lower Upper

63 100

98 6.7 3.5 10.4

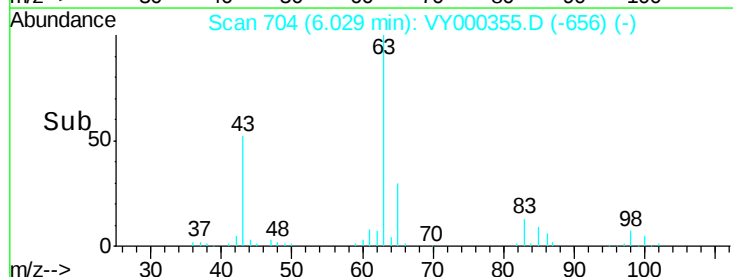
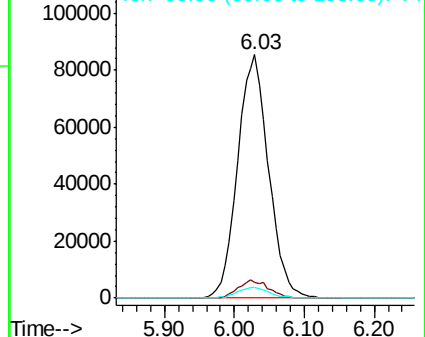
100 4.5 2.1 6.2

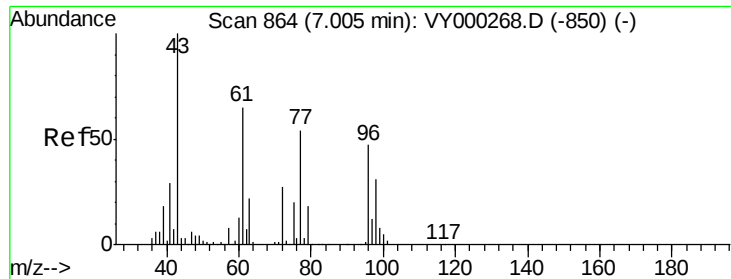


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0





#25

2-Butanone

Concen: 260.036 ug/l

RT: 7.00 min Scan# 863

Delta R.T. -0.01 min

Lab File: VY000355.D

Acq: 18 Oct 2019 17:16

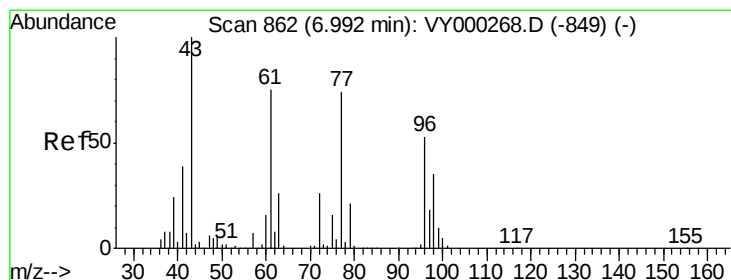
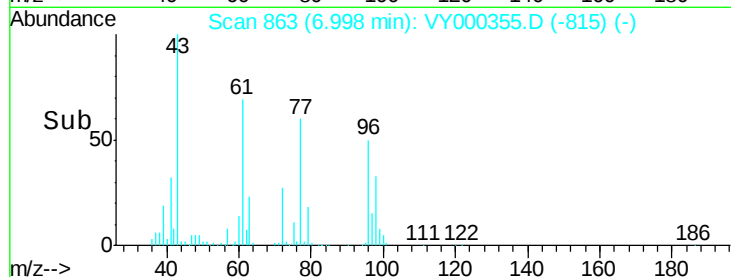
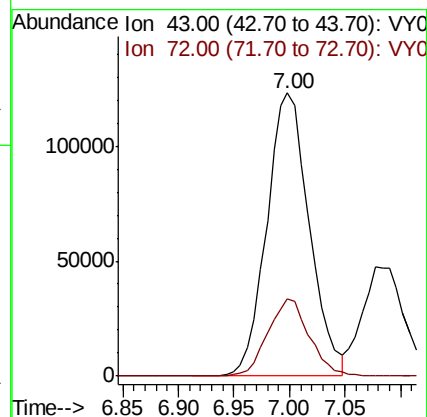
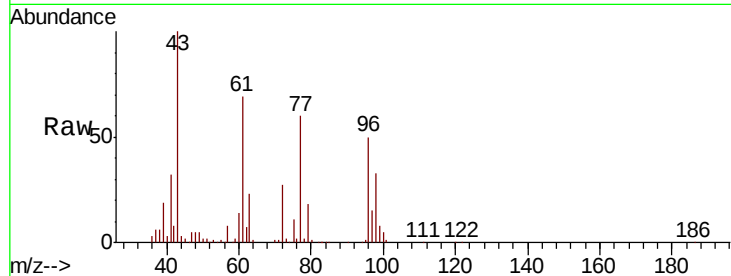
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 327270

Ion Ratio Lower Upper

43 100

72 27.1 21.4 32.2



#26

2,2-Dichloropropane

Concen: 50.817 ug/l

RT: 6.99 min Scan# 861

Delta R.T. -0.01 min

Lab File: VY000355.D

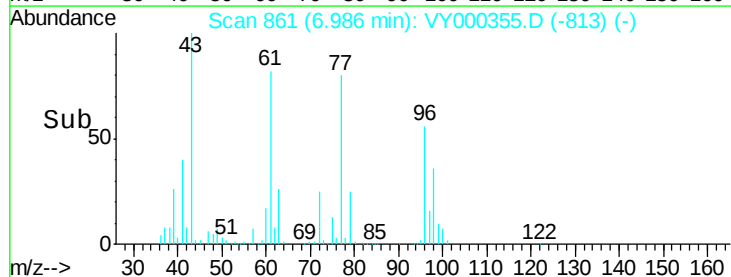
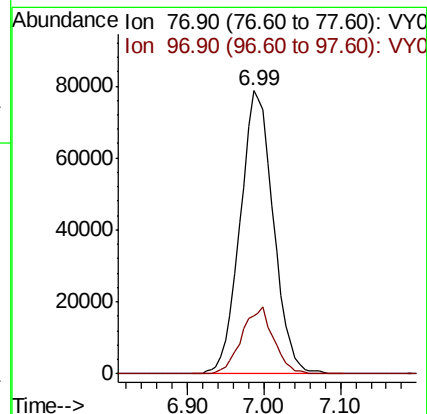
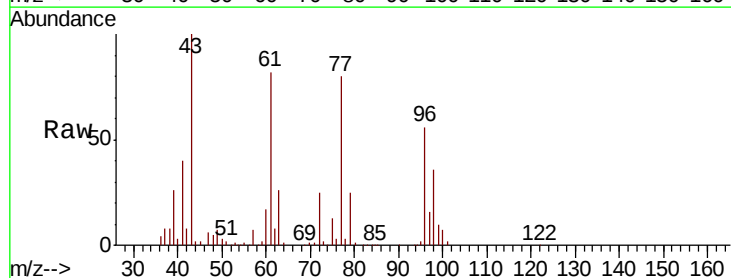
Acq: 18 Oct 2019 17:16

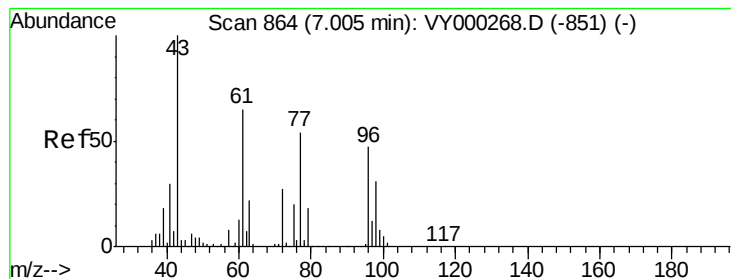
Tgt Ion: 77 Resp: 236637

Ion Ratio Lower Upper

77 100

97 22.6 11.6 34.7



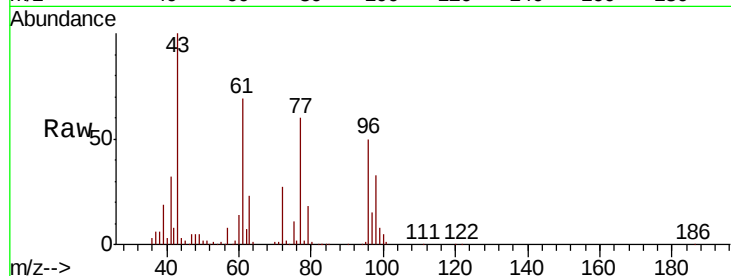


#27

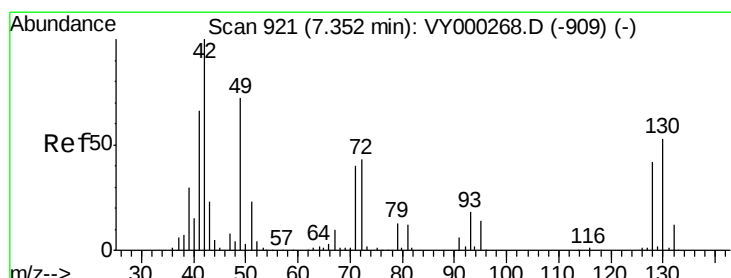
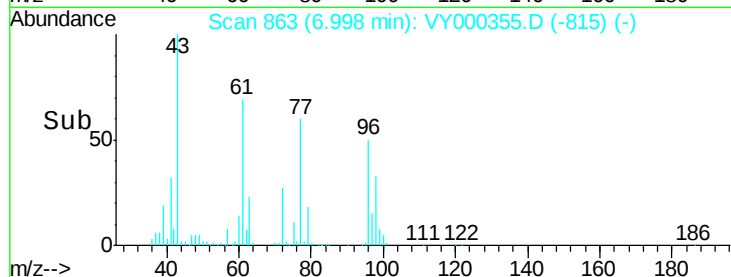
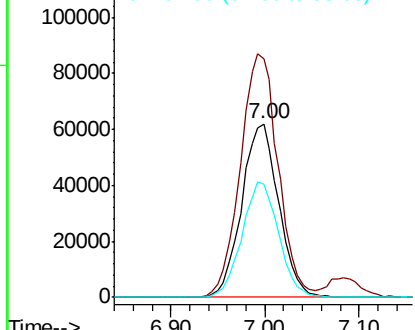
cis-1,2-Dichloroethene
Concen: 51.918 ug/l
RT: 7.00 min Scan# 863
Delta R.T. -0.01 min
Lab File: VY000355.D
Acq: 18 Oct 2019 17:16

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 96 Resp: 170256
Ion Ratio Lower Upper
96 100
61 143.4 0.0 289.8
98 66.0 0.0 131.8



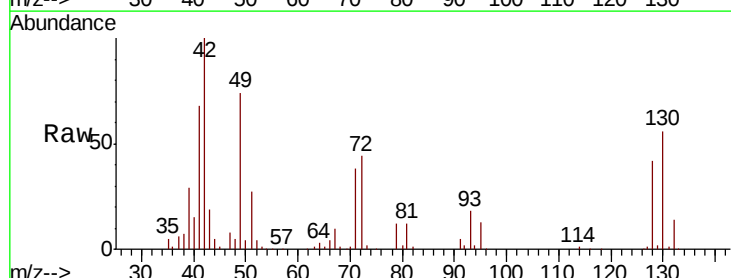
Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



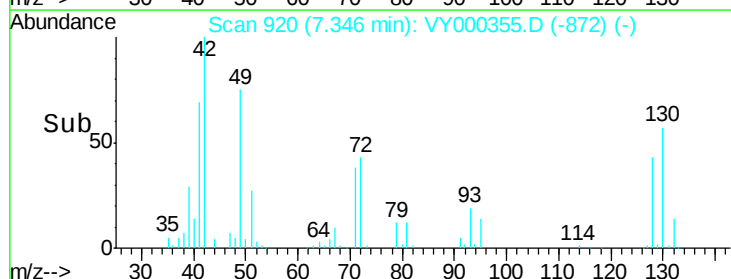
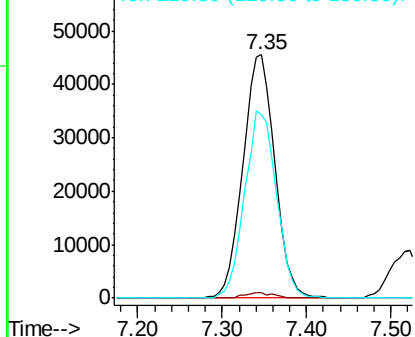
#28

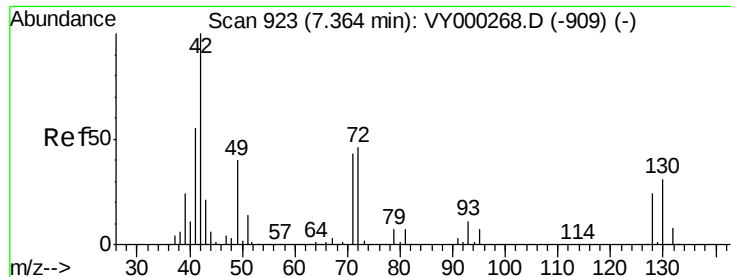
Bromochloromethane
Concen: 54.032 ug/l
RT: 7.35 min Scan# 920
Delta R.T. -0.01 min
Lab File: VY000355.D
Acq: 18 Oct 2019 17:16

Tgt Ion: 49 Resp: 117217
Ion Ratio Lower Upper
49 100
129 2.1 0.0 4.0
130 76.9 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

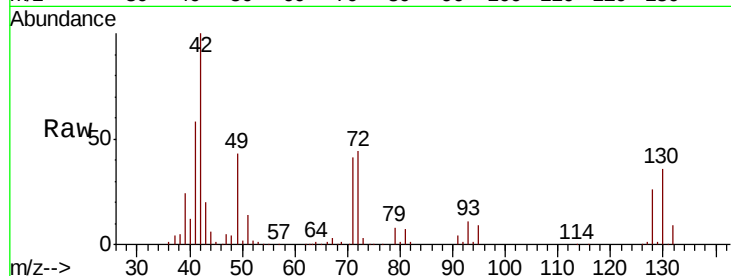




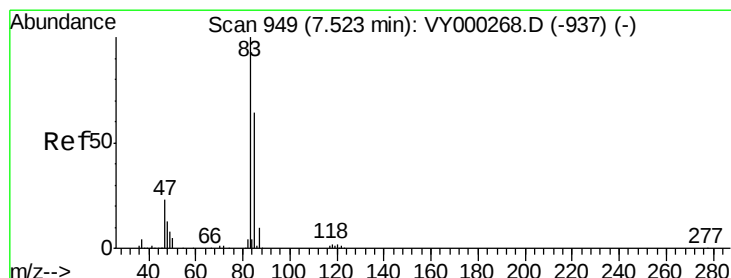
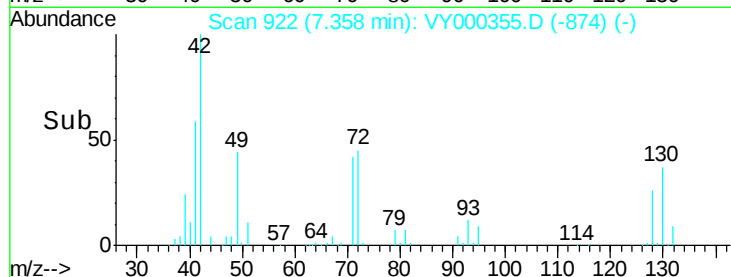
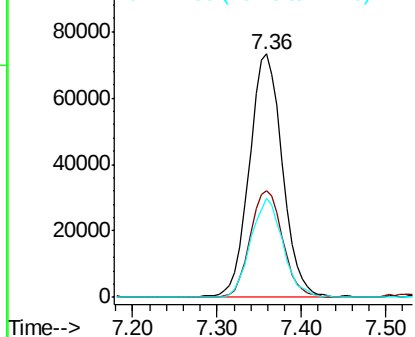
#29
Tetrahydrofuran
Concen: 259.392 ug/l
RT: 7.36 min Scan# 922
Delta R.T. -0.01 min
Lab File: VY000355.D
Acq: 18 Oct 2019 17:16

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.0	34.5	51.7
71	39.6	32.7	49.1

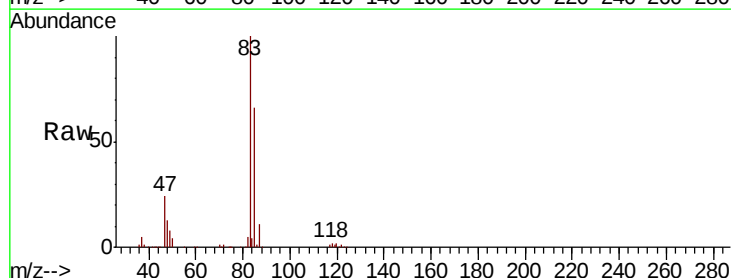


Abundance Ion 42.00 (41.70 to 42.70): VY0
Ion 72.00 (71.70 to 72.70): VY0
Ion 71.00 (70.70 to 71.70): VY0

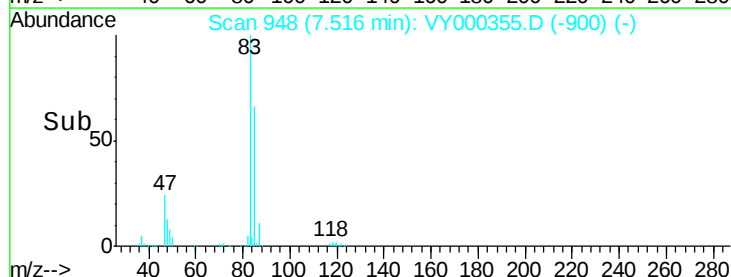
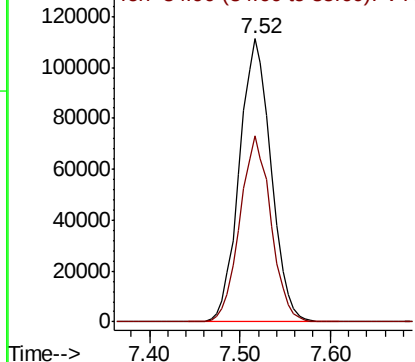


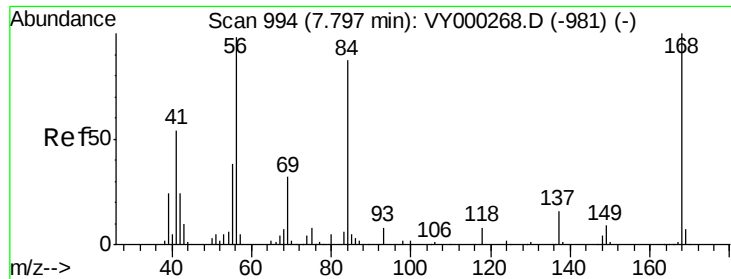
#30
Chloroform
Concen: 52.988 ug/l
RT: 7.52 min Scan# 948
Delta R.T. -0.01 min
Lab File: VY000355.D
Acq: 18 Oct 2019 17:16

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.7	51.4	77.2



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

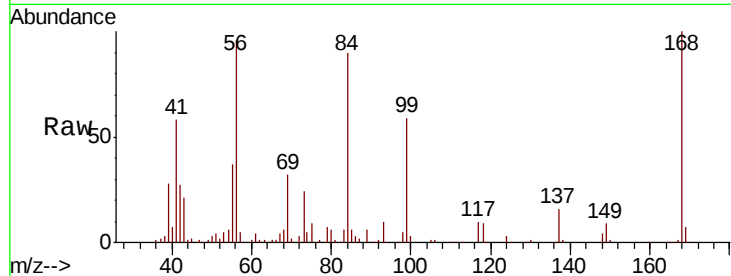




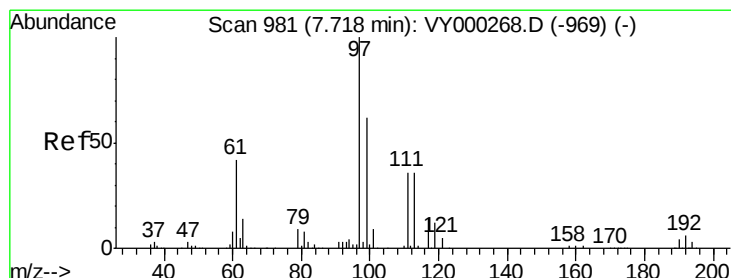
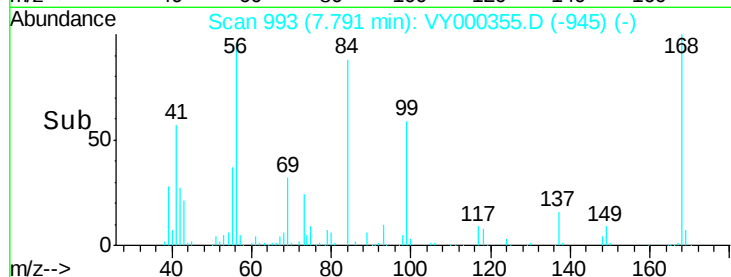
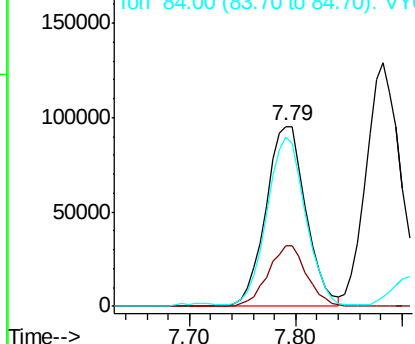
#31
Cyclohexane
Concen: 47.269 ug/l
RT: 7.79 min Scan# 993
Delta R.T. -0.01 min
Lab File: VY000355.D
Acq: 18 Oct 2019 17:16

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 56 Resp: 249494
Ion Ratio Lower Upper
56 100
69 33.4 26.3 39.5
84 93.1 70.8 106.2

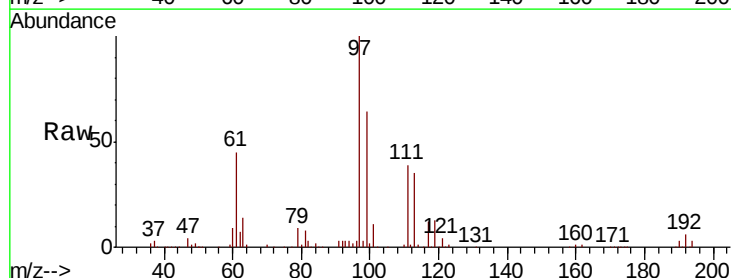


Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0

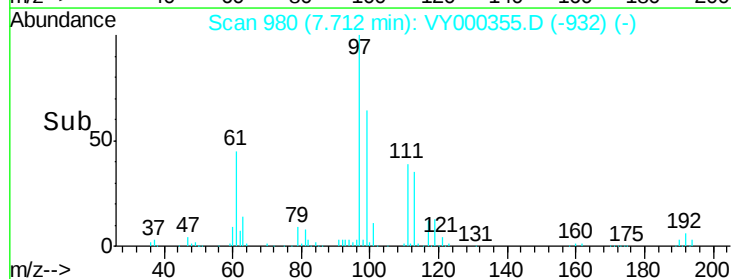
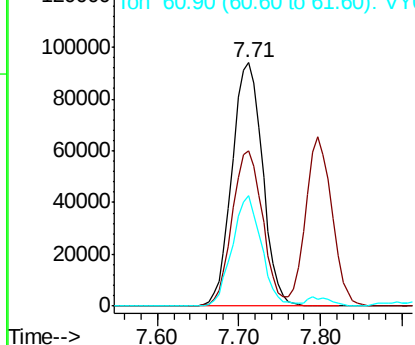


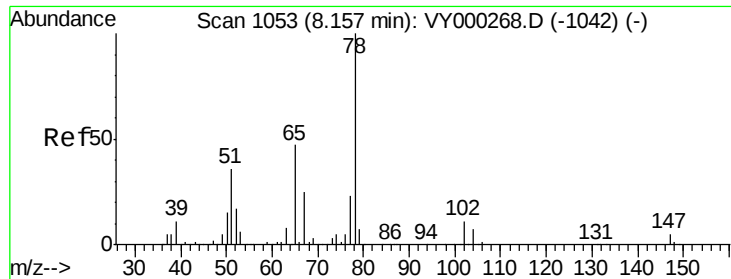
#32
1,1,1-Trichloroethane
Concen: 53.764 ug/l
RT: 7.71 min Scan# 980
Delta R.T. -0.01 min
Lab File: VY000355.D
Acq: 18 Oct 2019 17:16

Tgt Ion: 97 Resp: 243260
Ion Ratio Lower Upper
97 100
99 64.0 51.7 77.5
61 43.2 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

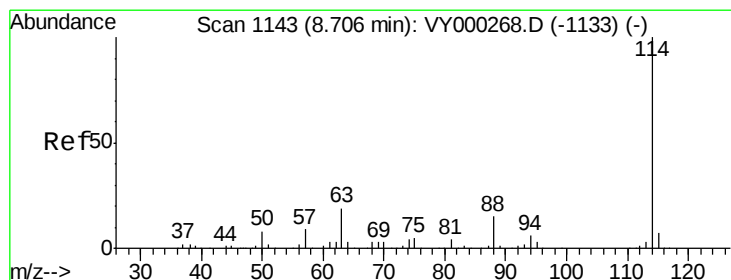
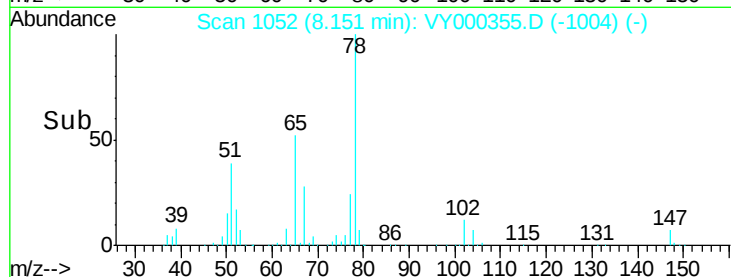
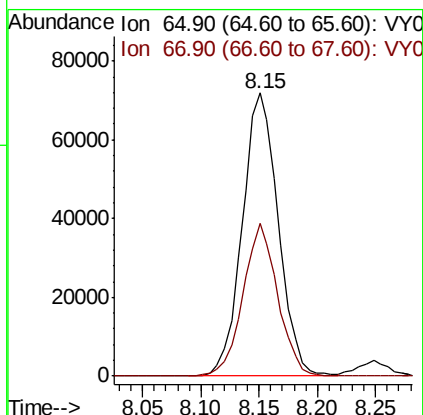
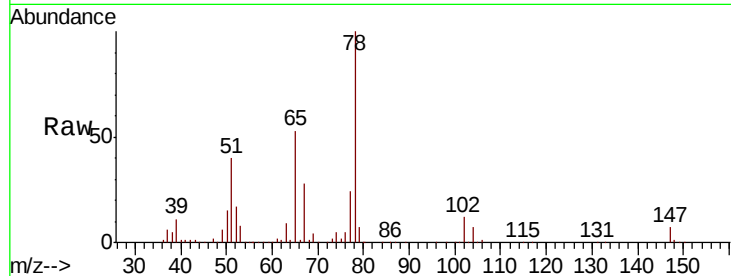




#33
 1,2-Dichloroethane-d4
 Concen: 55.889 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.01 min
 Lab File: VY000355.D
 Acq: 18 Oct 2019 17:16

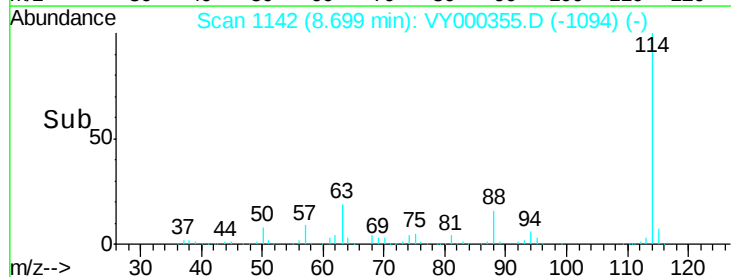
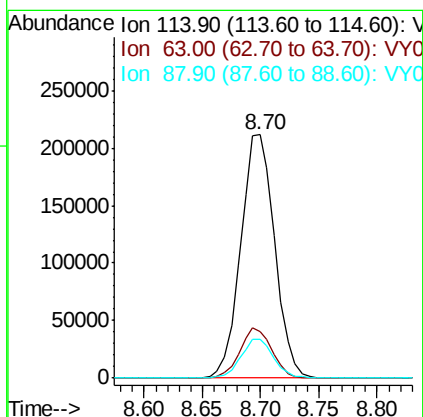
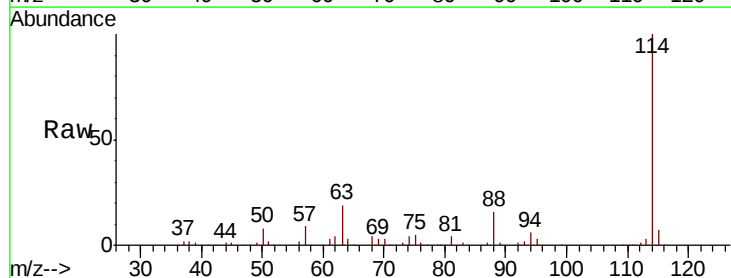
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

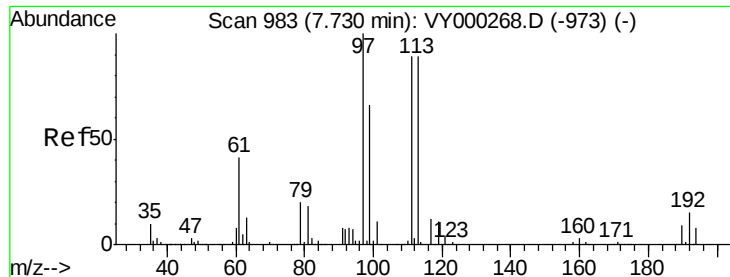
Tot Ion: 65 Resp: 154190
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.01 min
 Lab File: VY000355.D
 Acq: 18 Oct 2019 17:16

Tgt Ion: 114 Resp: 429305
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 37.2
 88 16.1 0.0 30.2

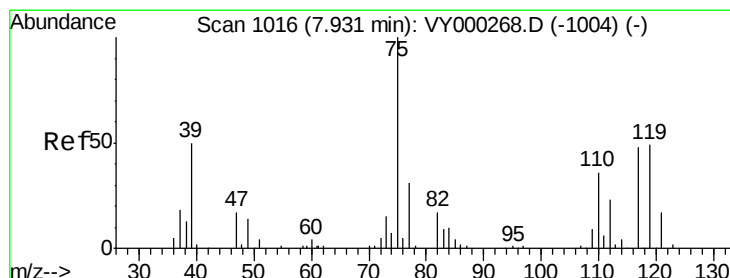
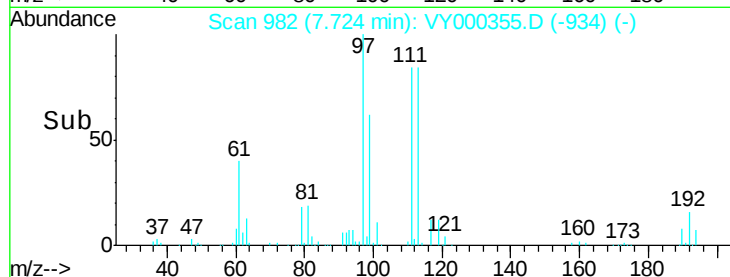
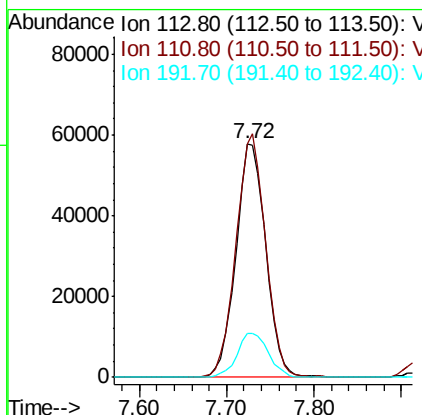
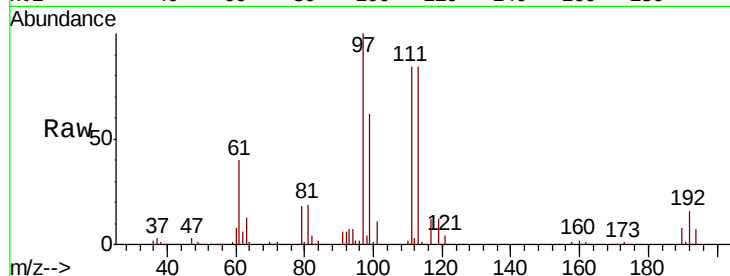




#35
 Dibromofluoromethane
 Concen: 53.023 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: VY000355.D
 Acq: 18 Oct 2019 17:16

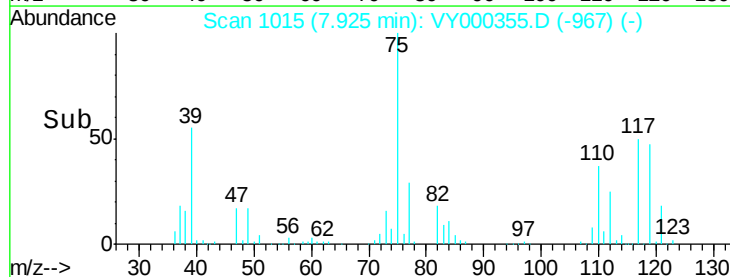
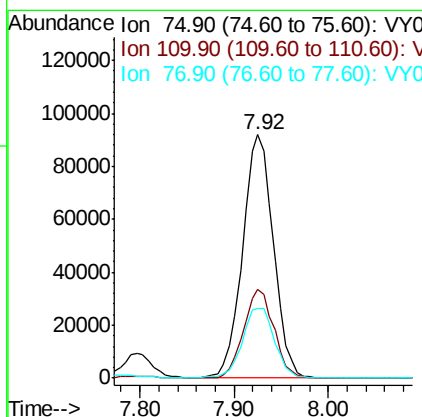
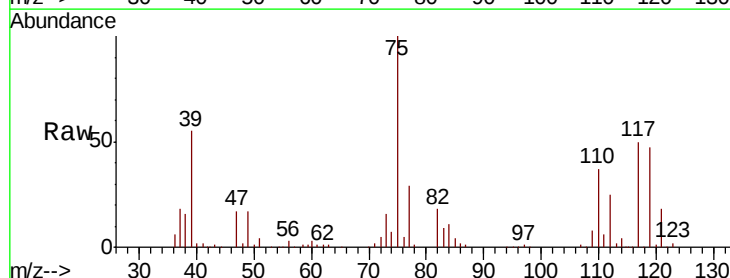
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

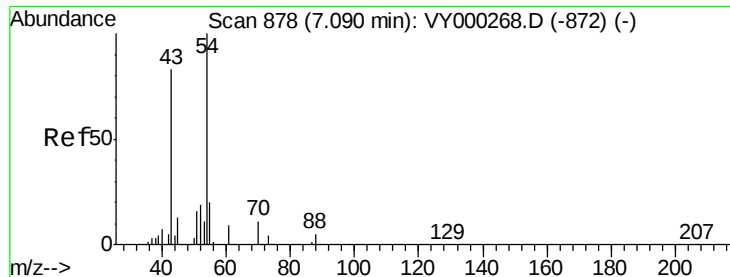
Tot Ion:113 Resp: 137308
 Ion Ratio Lower Upper
 113 100
 111 103.1 81.6 122.4
 192 19.9 15.3 22.9



#36
 1,1-Dichloropropene
 Concen: 49.667 ug/l
 RT: 7.92 min Scan# 1015
 Delta R.T. -0.01 min
 Lab File: VY000355.D
 Acq: 18 Oct 2019 17:16

Tgt Ion: 75 Resp: 208757
 Ion Ratio Lower Upper
 75 100
 110 36.0 18.4 55.4
 77 30.1 25.0 37.6

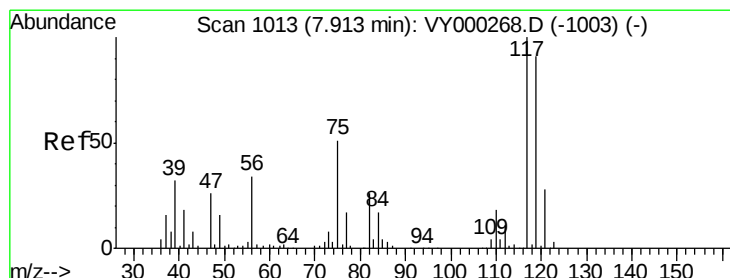
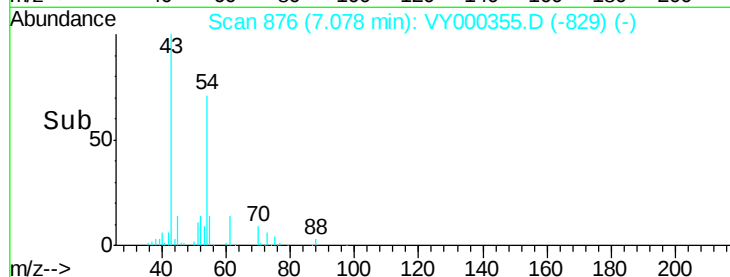
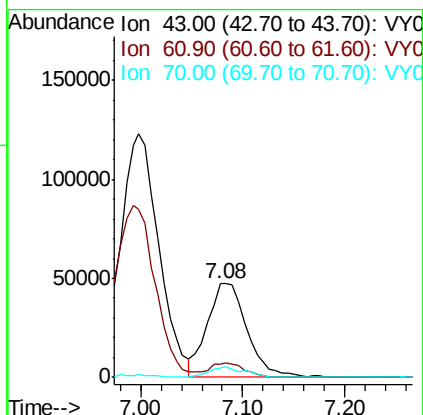
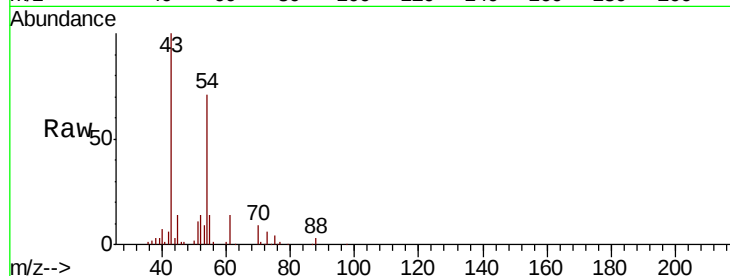




#37
Ethyl Acetate
Concen: 51.750 ug/l
RT: 7.08 min Scan# 876
Delta R.T. -0.01 min
Lab File: VY000355.D
Acq: 18 Oct 2019 17:16

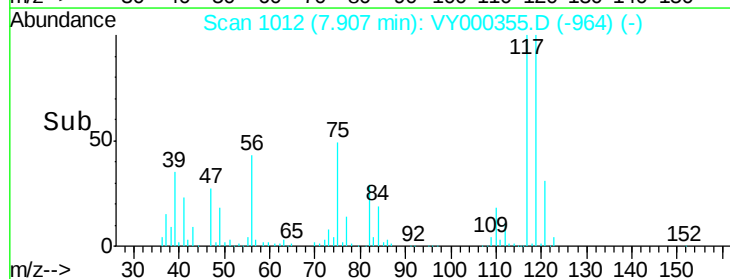
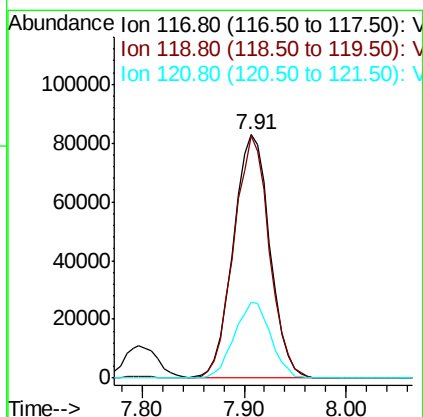
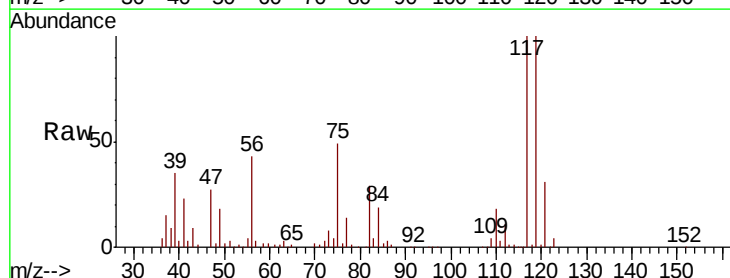
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

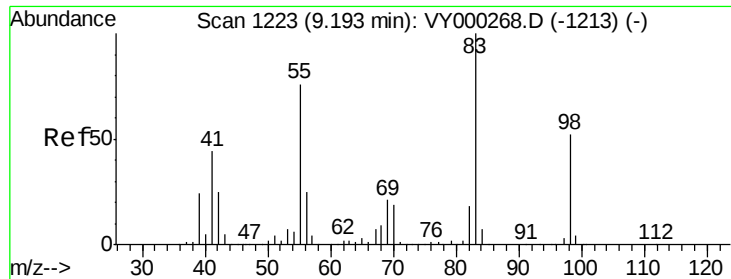
Tot Ion: 43 Resp: 128795
Ion Ratio Lower Upper
43 100
61 14.1 12.1 18.1
70 10.1 8.7 13.1



#38
Carbon Tetrachloride
Concen: 50.639 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.01 min
Lab File: VY000355.D
Acq: 18 Oct 2019 17:16

Tgt Ion: 117 Resp: 206083
Ion Ratio Lower Upper
117 100
119 99.7 72.8 109.2
121 31.1 22.2 33.2

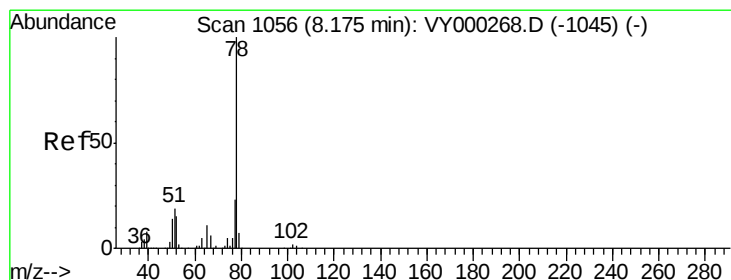
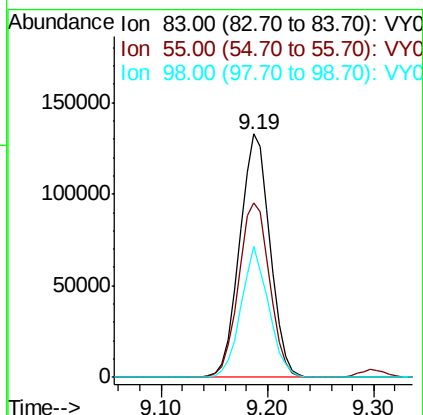
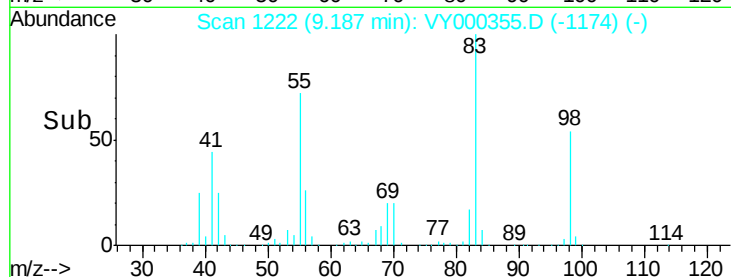
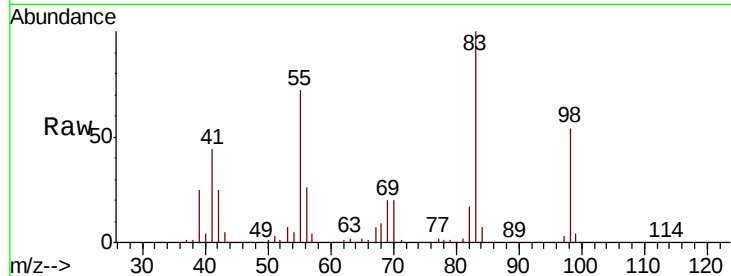




#39
Methylvlcyclohexane
Concen: 48.375 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.01 min
Lab File: VY000355.D
Acq: 18 Oct 2019 17:16

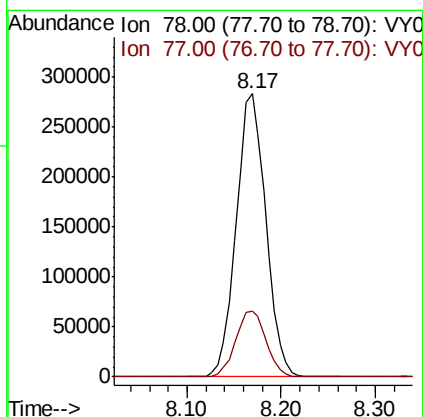
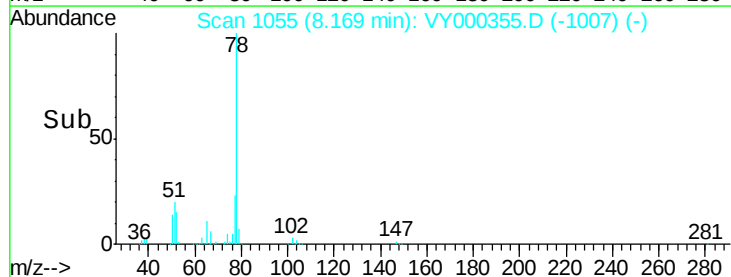
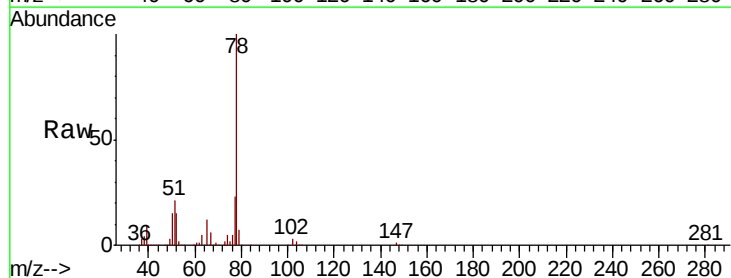
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

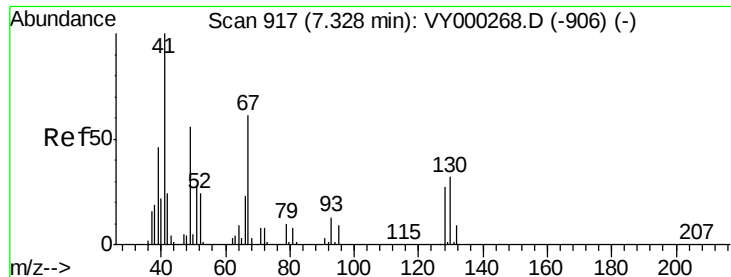
Tot Ion: 83 Resp: 266120
Ion Ratio Lower Upper
83 100
55 71.8 60.9 91.3
98 53.7 41.8 62.6



#40
Benzene
Concen: 51.237 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. -0.01 min
Lab File: VY000355.D
Acq: 18 Oct 2019 17:16

Tgt Ion: 78 Resp: 622356
Ion Ratio Lower Upper
78 100
77 23.3 18.8 28.2





#41

Methacrylonitrile

Concen: 52.061 ug/l m

RT: 7.32 min Scan# 916

Delta R.T. -0.01 min

Lab File: VY000355.D

Acq: 18 Oct 2019 17:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 41 Resp: 61675

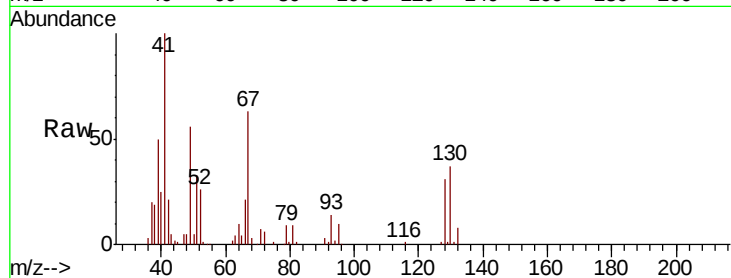
Ion Ratio Lower Upper

41 100

39 0.0 110.2 165.2#

67 0.0 0.0 0.0

52 0.0 0.0 0.0

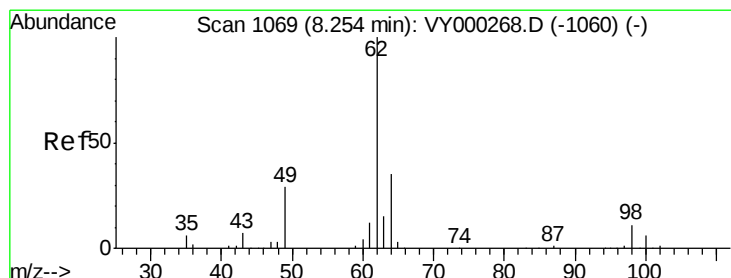
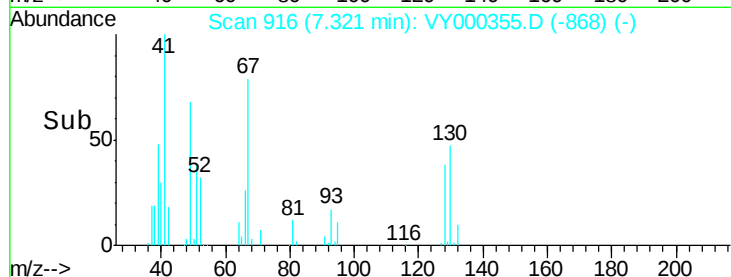
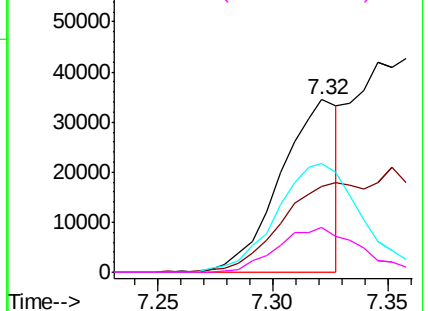


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 67.00 (66.70 to 67.70): VY0

Ion 52.00 (51.70 to 52.70): VY0



#42

1,2-Dichloroethane

Concen: 53.062 ug/l

RT: 8.25 min Scan# 1068

Delta R.T. -0.01 min

Lab File: VY000355.D

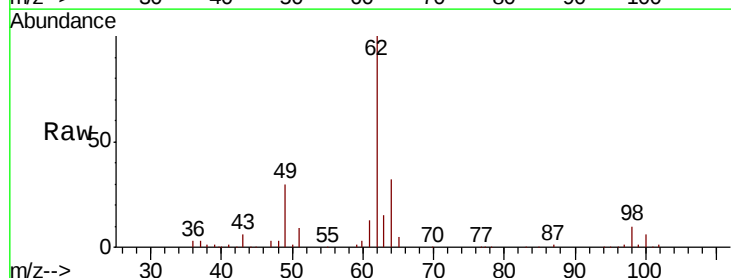
Acq: 18 Oct 2019 17:16

Tgt Ion: 62 Resp: 184109

Ion Ratio Lower Upper

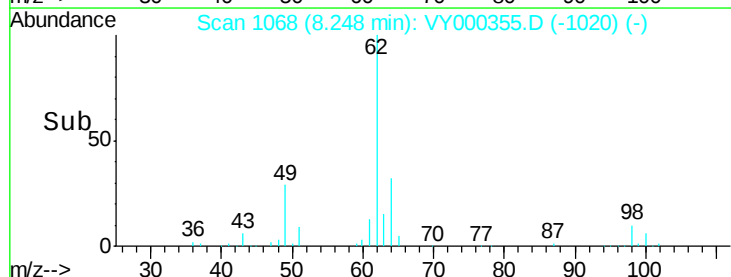
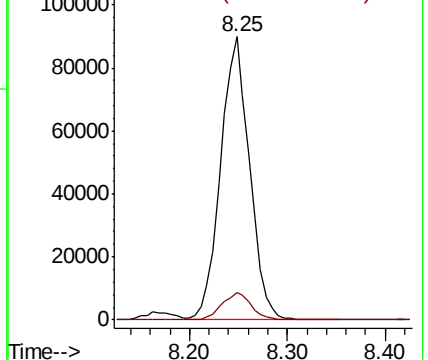
62 100

98 9.8 0.0 20.6



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 97.90 (97.60 to 98.60): VY0





#43

Isopropyl Acetate

Concen: 53.355 ug/l

RT: 8.28 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VY000355.D

Acq: 18 Oct 2019 17:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

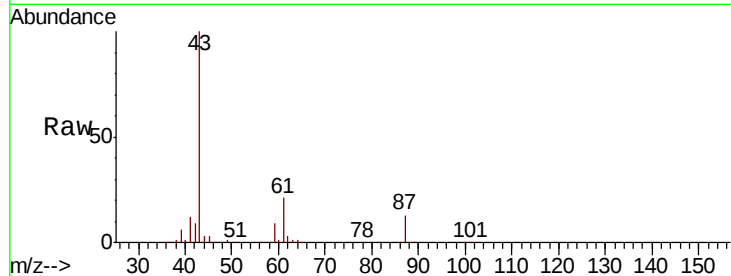
Tot Ion: 43 Resp: 252485

Ion Ratio Lower Upper

43 100

61 28.1 22.3 33.5

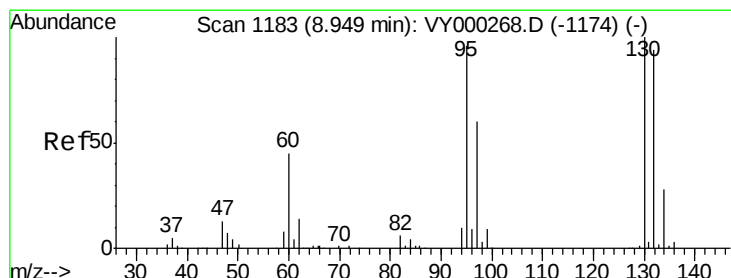
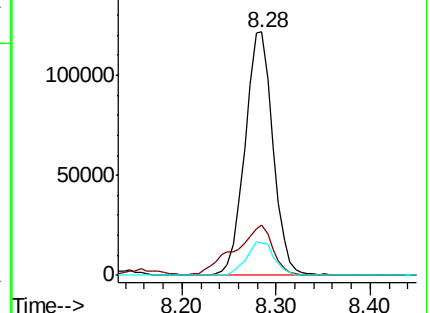
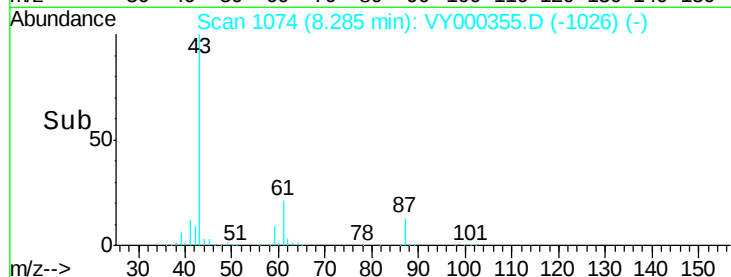
87 13.8 10.9 16.3



Abundance Ion 43.00 (42.70 to 43.70): VY000355.D (-1026) (-)

Ion 61.00 (60.70 to 61.70): VY000355.D (-1026) (-)

Ion 87.00 (86.70 to 87.70): VY000355.D (-1026) (-)



#44

Trichloroethene

Concen: 50.405 ug/l

RT: 8.95 min Scan# 1183

Delta R.T. -0.00 min

Lab File: VY000355.D

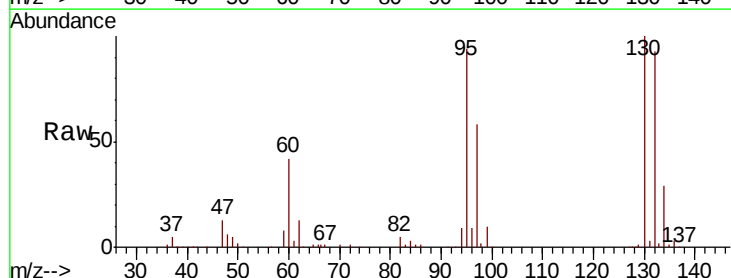
Acq: 18 Oct 2019 17:16

Tgt Ion: 130 Resp: 171791

Ion Ratio Lower Upper

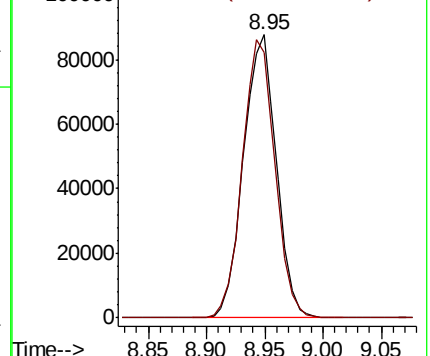
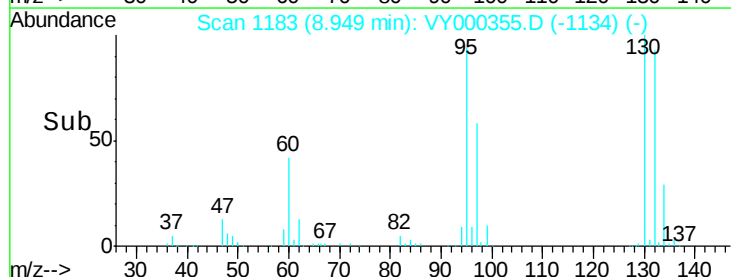
130 100

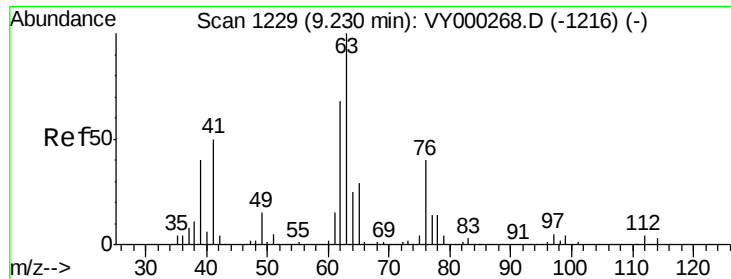
95 93.9 0.0 191.4



Abundance Ion 129.80 (129.50 to 130.50): VY000355.D (-1134) (-)

Ion 94.90 (94.60 to 95.60): VY000355.D (-1134) (-)

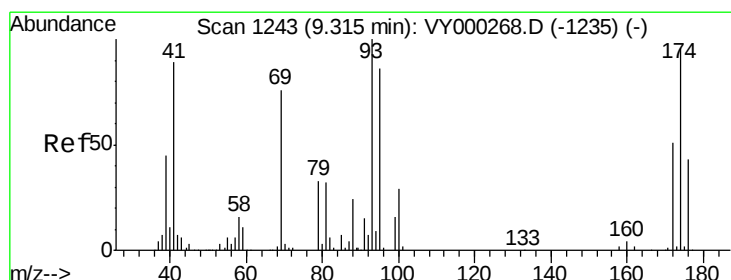
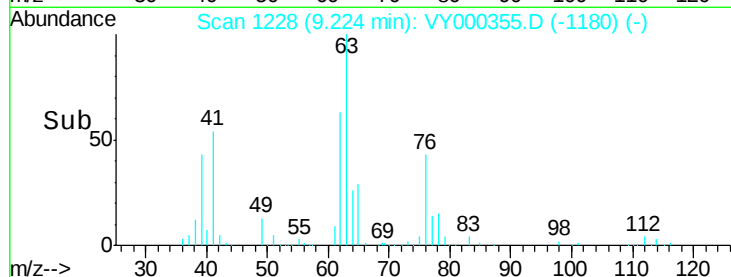
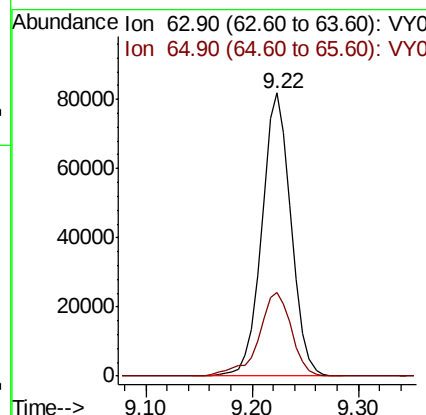
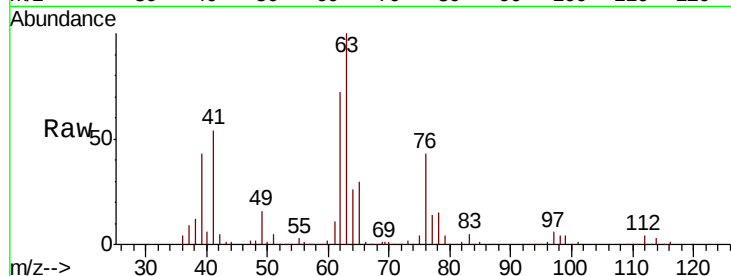




#45
 1,2-Dichloropropane
 Concen: 52.625 ug/l
 RT: 9.22 min Scan# 1228
 Delta R.T. -0.01 min
 Lab File: VY000355.D
 Acq: 18 Oct 2019 17:16

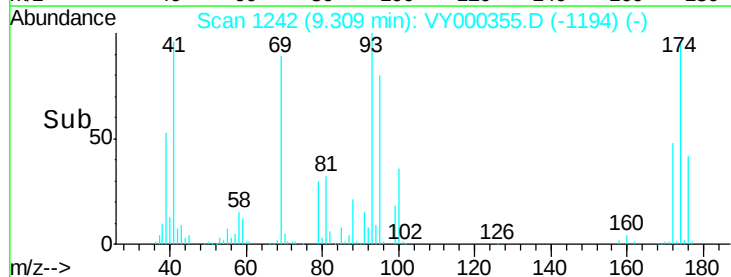
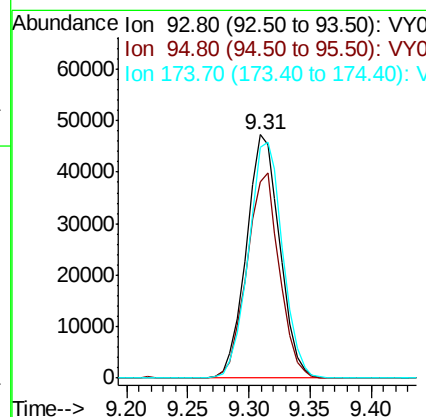
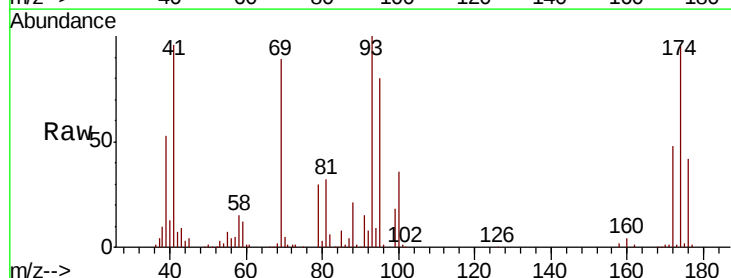
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

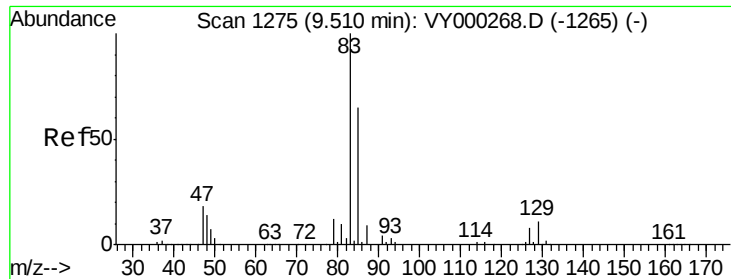
Tot Ion: 63 Resp: 156866
 Ion Ratio Lower Upper
 63 100
 65 29.8 23.2 34.8



#46
 Dibromomethane
 Concen: 53.897 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. -0.01 min
 Lab File: VY000355.D
 Acq: 18 Oct 2019 17:16

Tgt Ion: 93 Resp: 89810
 Ion Ratio Lower Upper
 93 100
 95 82.1 68.2 102.2
 174 98.6 79.8 119.6





#47

Bromodichloromethane

Concen: 54.892 ug/l

RT: 9.50 min Scan# 1274

Delta R.T. -0.01 min

Lab File: VY000355.D

Acq: 18 Oct 2019 17:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

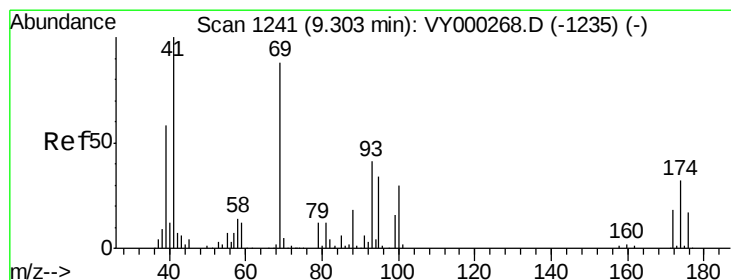
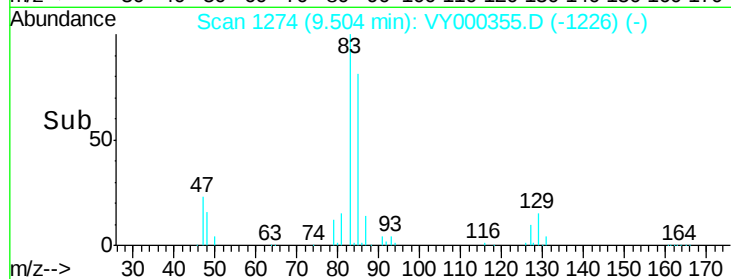
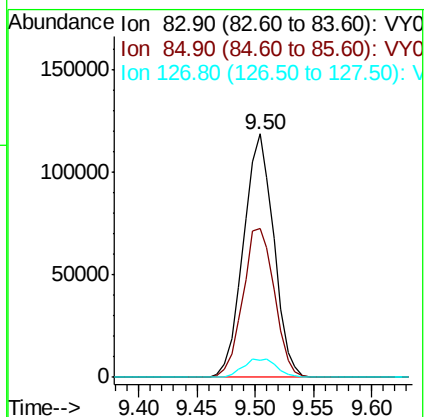
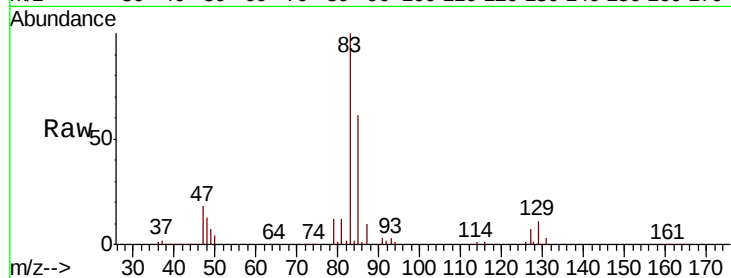
Tot Ion: 83 Resp: 215565

Ion Ratio Lower Upper

83 100

85 61.4 52.2 78.2

127 7.3 6.3 9.5



#48

Methyl methacrylate

Concen: 54.428 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. -0.01 min

Lab File: VY000355.D

Acq: 18 Oct 2019 17:16

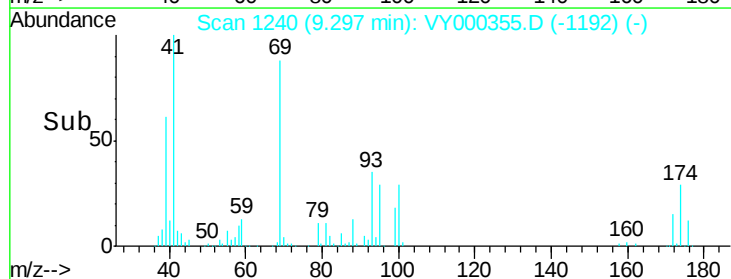
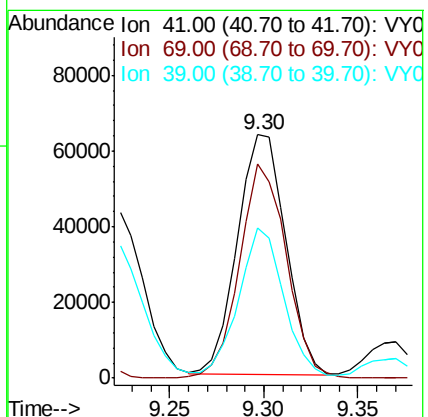
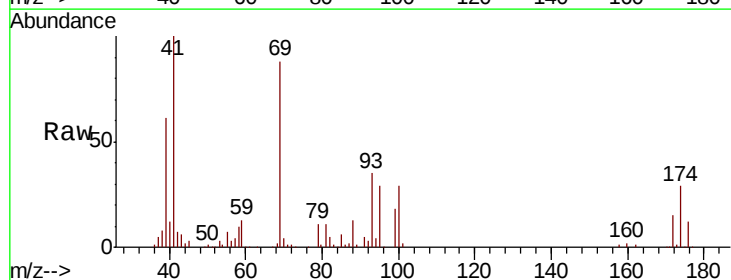
Tgt Ion: 41 Resp: 112879

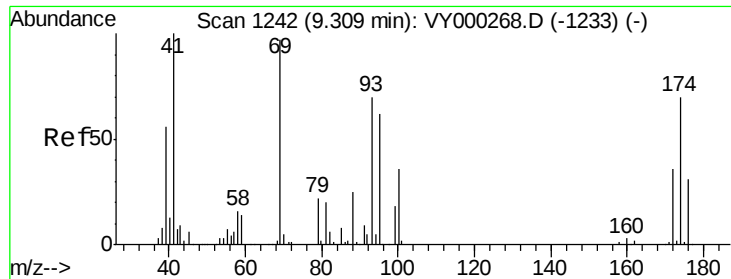
Ion Ratio Lower Upper

41 100

69 86.8 70.0 105.0

39 59.1 47.7 71.5





#49

1,4-Dioxane

Concen: 994.647 ug/l

RT: 9.30 min Scan# 1241

Delta R.T. -0.01 min

Lab File: VY000355.D

Acq: 18 Oct 2019 17:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

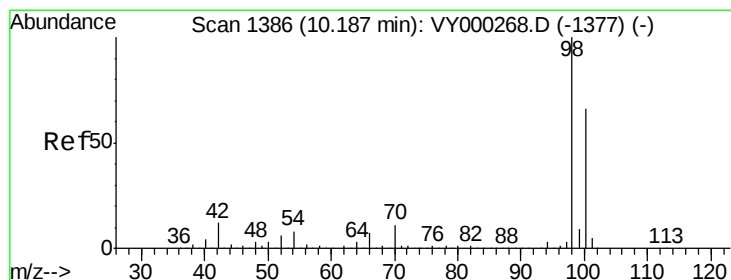
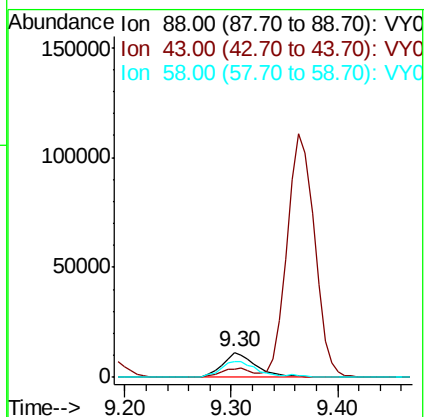
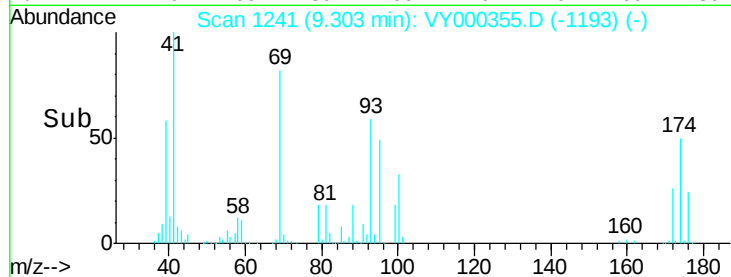
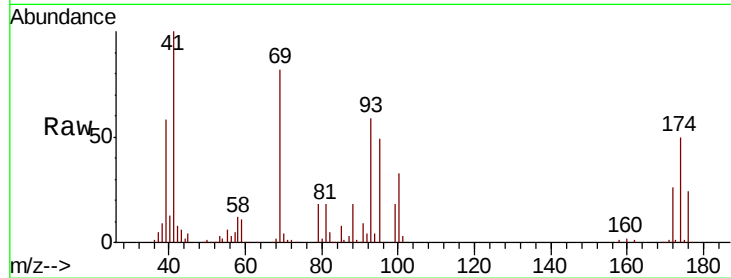
Tot Ion: 88 Resp: 24851

Ion Ratio Lower Upper

88 100

43 30.2 25.6 38.4

58 67.9 54.6 81.8



#50

Toluene-d8

Concen: 54.250 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.01 min

Lab File: VY000355.D

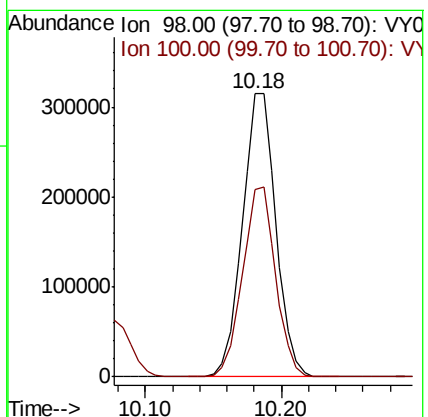
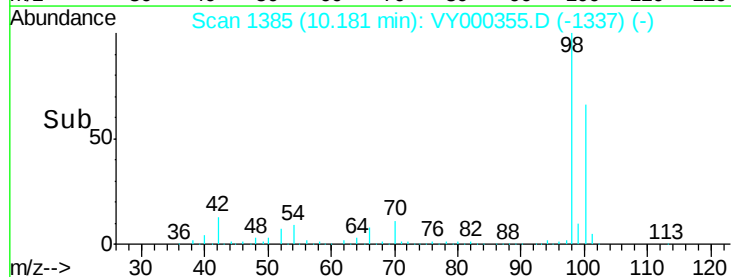
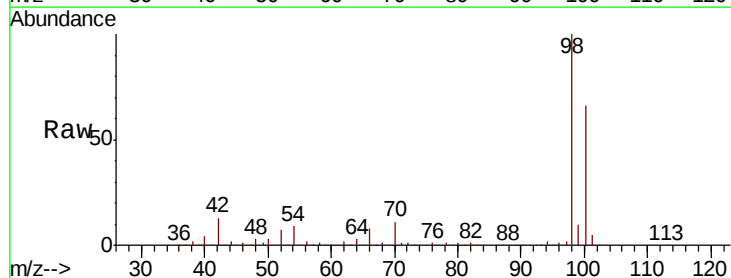
Acq: 18 Oct 2019 17:16

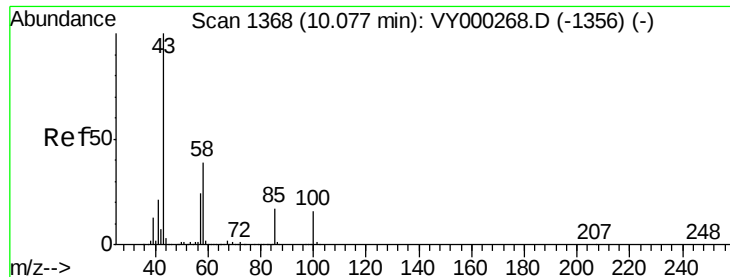
Tgt Ion: 98 Resp: 540415

Ion Ratio Lower Upper

98 100

100 66.2 52.8 79.2





#51

4-Methyl-2-Pentanone

Concen: 282.091 ug/l

RT: 10.08 min Scan# 1368

Delta R.T. -0.00 min

Lab File: VY000355.D

Acq: 18 Oct 2019 17:16

Instrument :

MSVOA_Y

ClientSampleId :

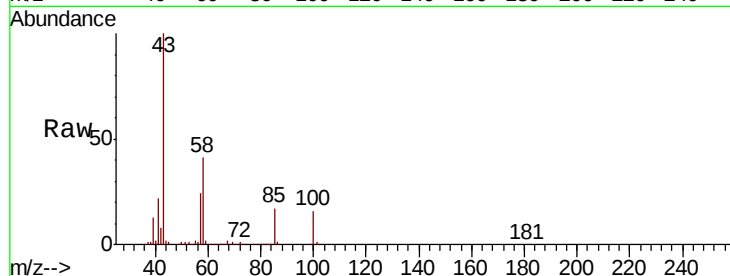
VSTDCCC050EC

Tot Ion: 43 Resp: 688513

Ion Ratio Lower Upper

43 100

58 39.1 31.0 46.6



Abundance Ion 43.00 (42.70 to 43.70): VY000355.D (-1319) (-)

Ion 58.00 (57.70 to 58.70): VY000355.D (-1319) (-)

10.08

400000

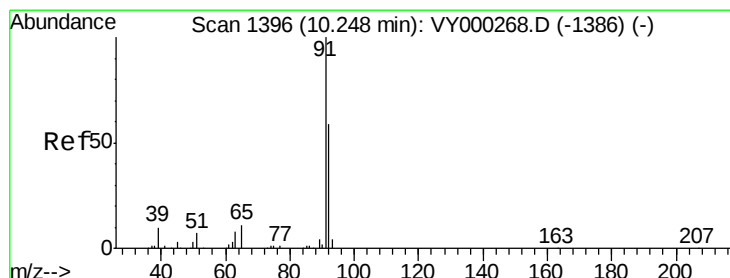
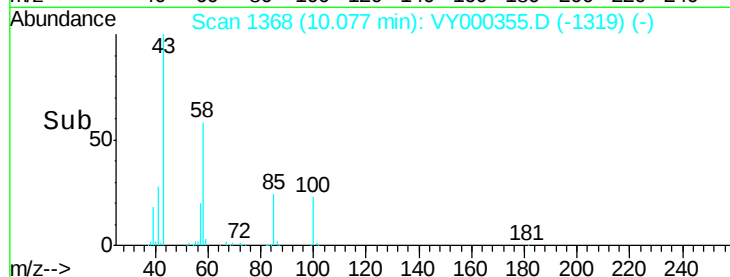
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 51.986 ug/l

RT: 10.25 min Scan# 1396

Delta R.T. -0.00 min

Lab File: VY000355.D

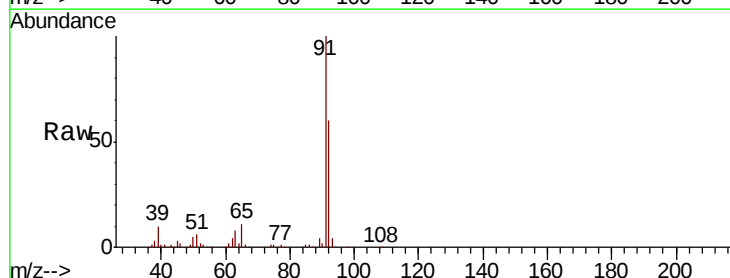
Acq: 18 Oct 2019 17:16

Tgt Ion: 92 Resp: 400908

Ion Ratio Lower Upper

92 100

91 171.3 136.6 205.0



Abundance Ion 92.00 (91.70 to 92.70): VY000355.D (-1347) (-)

Ion 91.00 (90.70 to 91.70): VY000355.D (-1347) (-)

10.25

400000

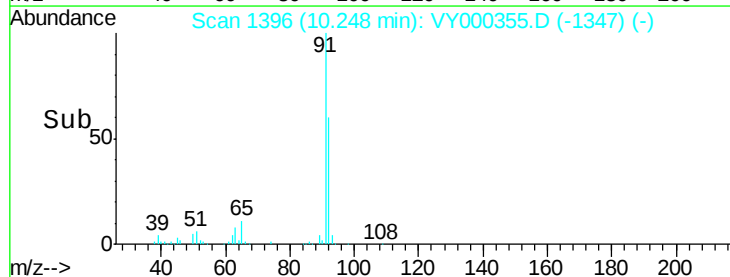
300000

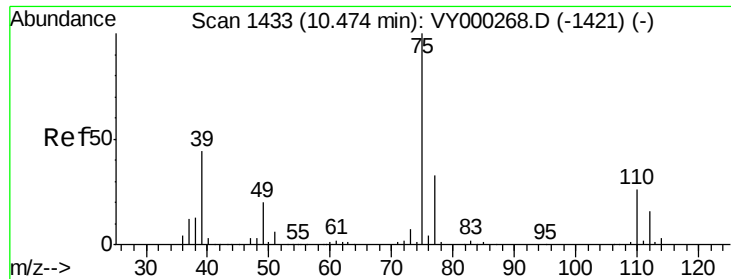
200000

100000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 55.908 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. -0.01 min

Lab File: VY000355.D

Acq: 18 Oct 2019 17:16

Instrument :

MSVOA_Y

ClientSampleId :

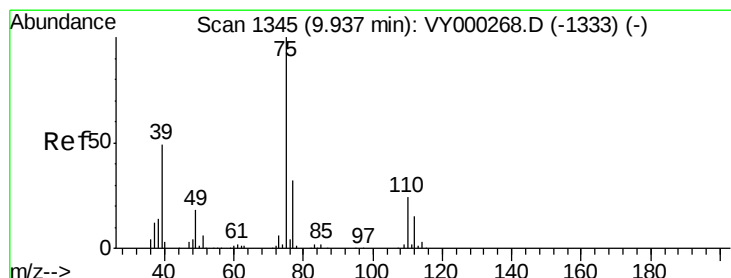
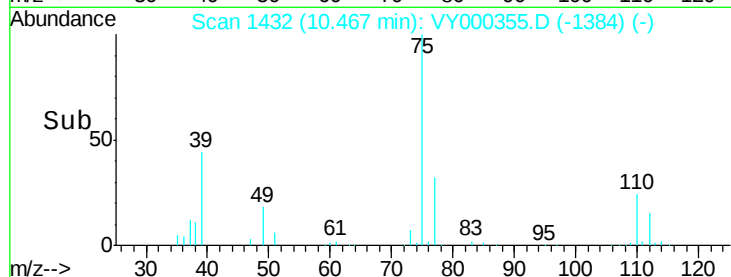
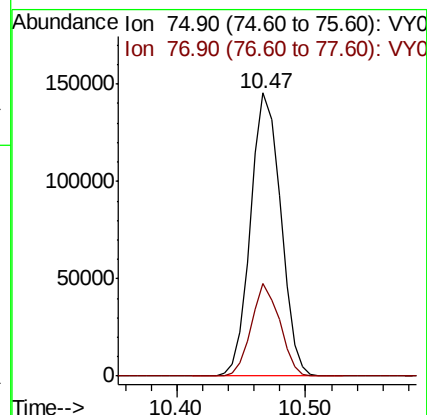
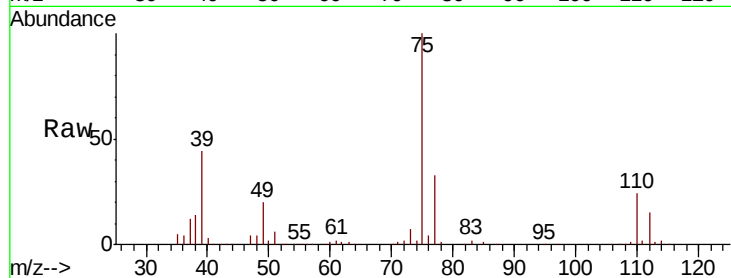
VSTDCCC050EC

Tot Ion: 75 Resp: 235300

Ion Ratio Lower Upper

75 100

77 32.5 26.0 39.0



#54

cis-1,3-Dichloropropene

Concen: 54.296 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. -0.01 min

Lab File: VY000355.D

Acq: 18 Oct 2019 17:16

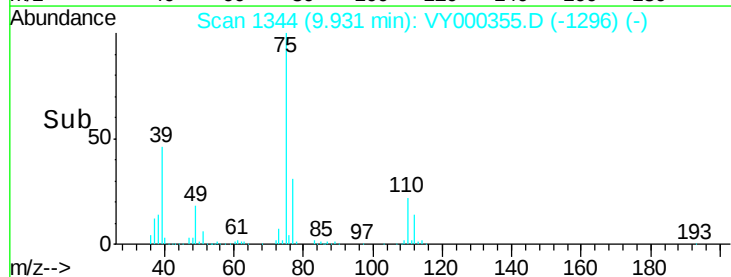
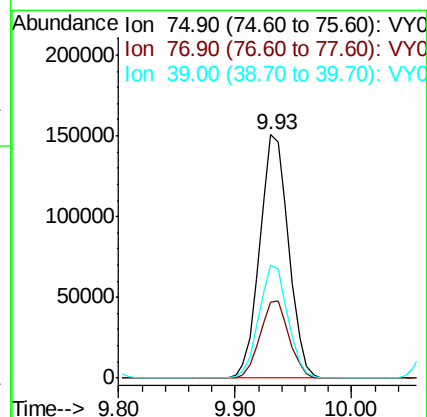
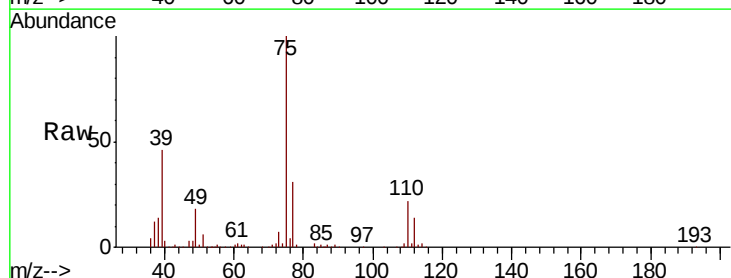
Tgt Ion: 75 Resp: 259508

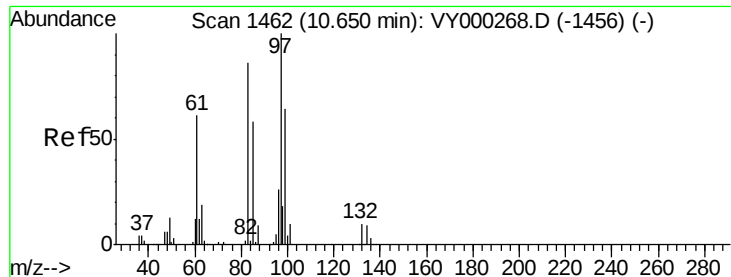
Ion Ratio Lower Upper

75 100

77 31.0 26.0 39.0

39 46.3 38.8 58.2

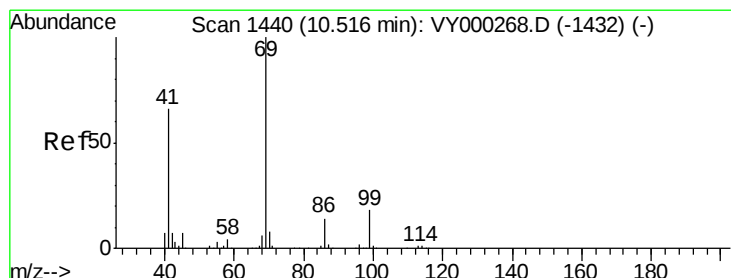
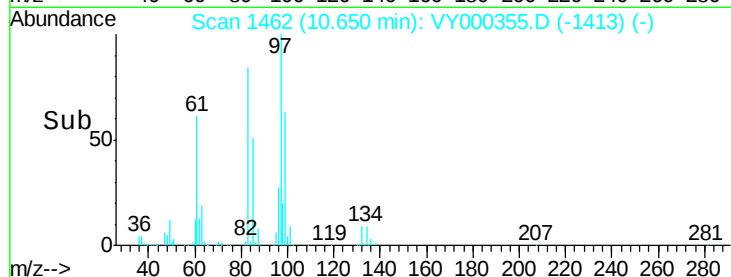
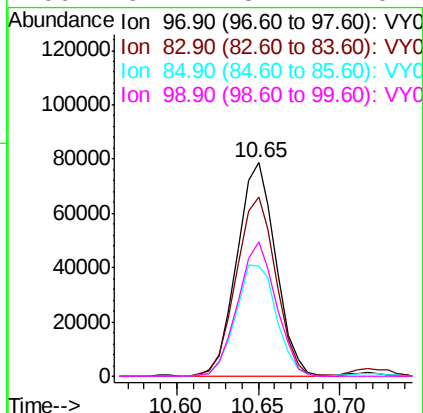
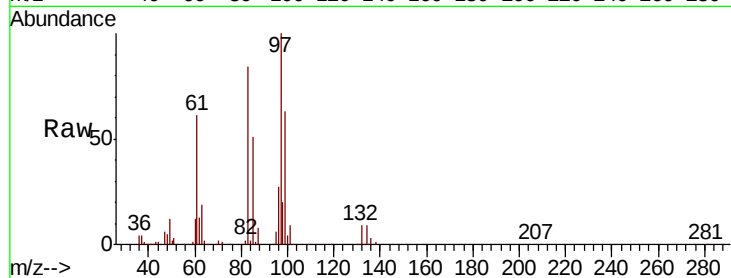




#55
 1,1,2-Trichloroethane
 Concen: 53.451 ug/l
 RT: 10.65 min Scan# 1462
 Delta R.T. -0.00 min
 Lab File: VY000355.D
 Acq: 18 Oct 2019 17:16

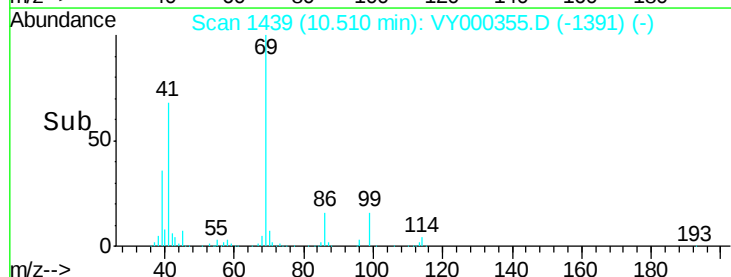
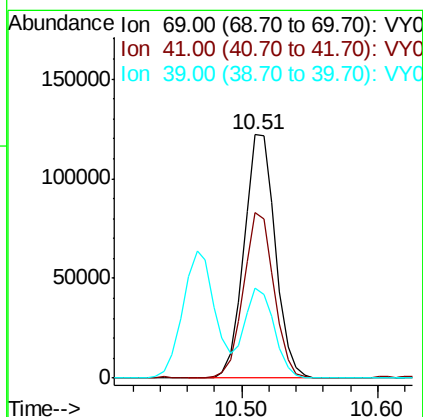
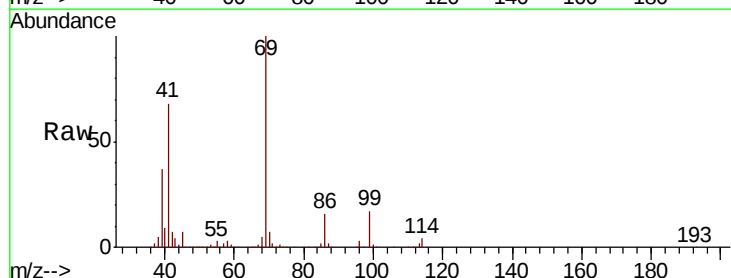
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

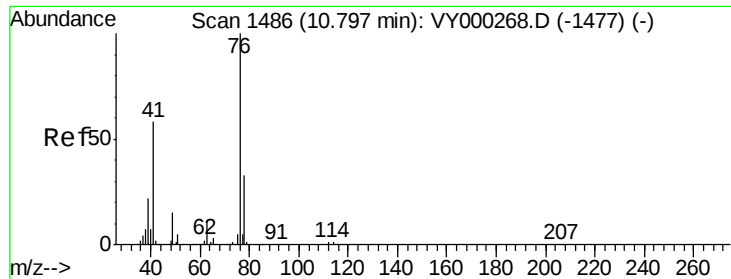
Tot Ion:	97	Resp:	129501
Ion	Ratio	Lower	Upper
97	100		
83	83.9	69.0	103.6
85	51.5	46.2	69.4
99	62.7	51.1	76.7



#56
 Ethyl methacrylate
 Concen: 56.657 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. -0.01 min
 Lab File: VY000355.D
 Acq: 18 Oct 2019 17:16

Tgt Ion:	69	Resp:	195656
Ion	Ratio	Lower	Upper
69	100		
41	65.7	52.5	78.7
39	35.5	26.7	40.1





#57

1,3-Dichloropropane

Concen: 55.187 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. -0.01 min

Lab File: VY000355.D

Acq: 18 Oct 2019 17:16

Instrument :

MSVOA_Y

ClientSampleId :

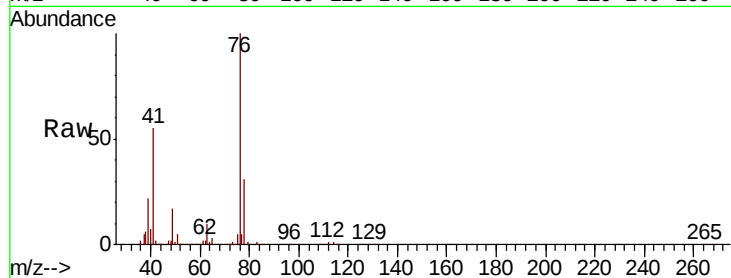
VSTDCCC050EC

Tot Ion: 76 Resp: 229627

Ion Ratio Lower Upper

76 100

78 31.8 26.2 39.2



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0

10.79

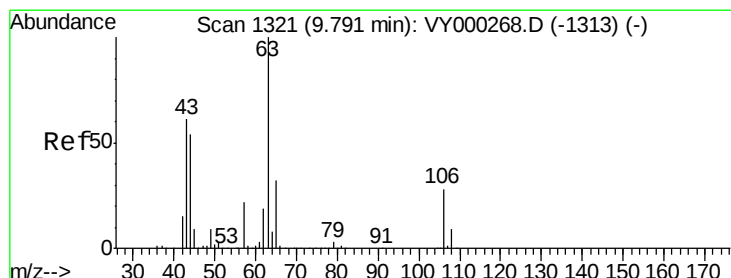
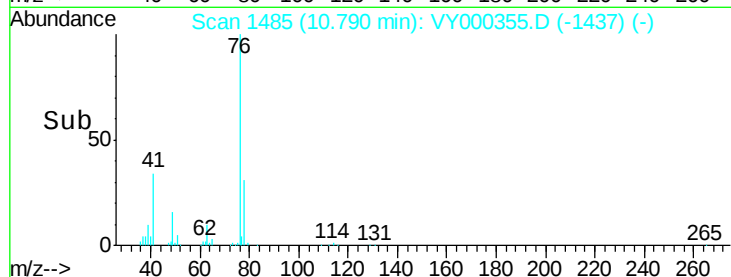
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 348.218 ug/l

RT: 9.79 min Scan# 1321

Delta R.T. -0.00 min

Lab File: VY000355.D

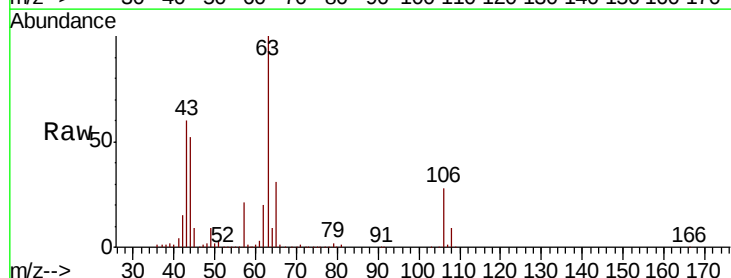
Acq: 18 Oct 2019 17:16

Tgt Ion: 63 Resp: 479650

Ion Ratio Lower Upper

63 100

106 27.9 23.0 34.4



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

9.79

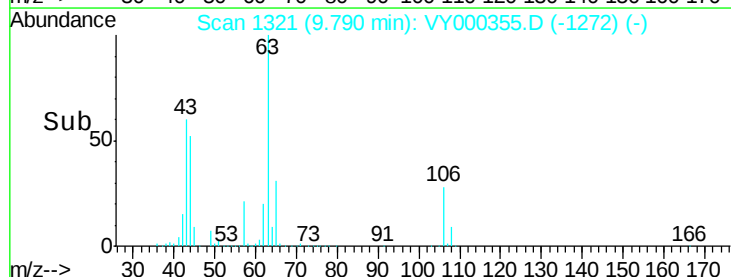
300000

200000

100000

0

Time-->

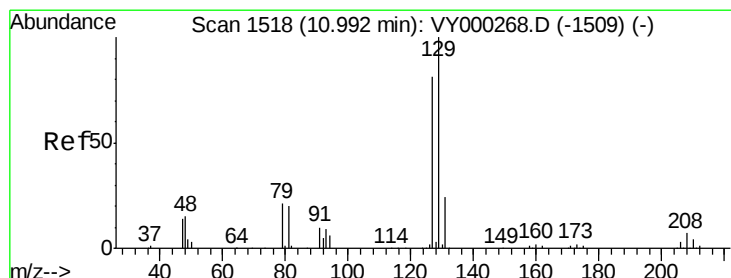
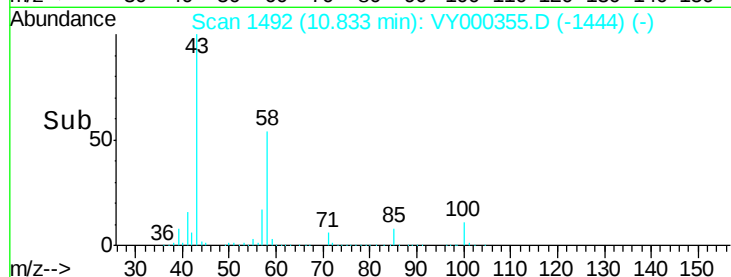
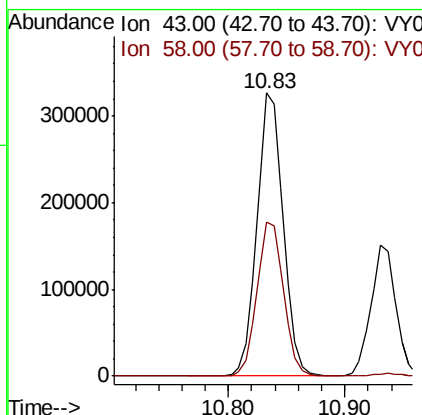
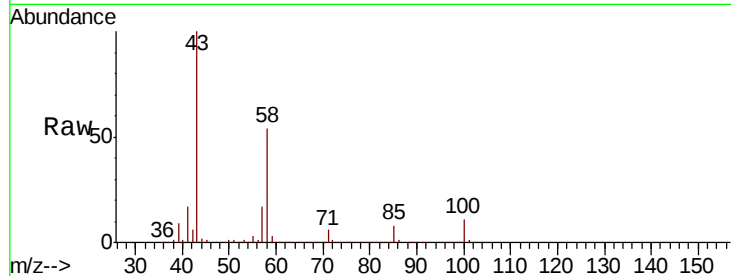




#59
2-Hexanone
Concen: 300.173 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.01 min
Lab File: VY000355.D
Acq: 18 Oct 2019 17:16

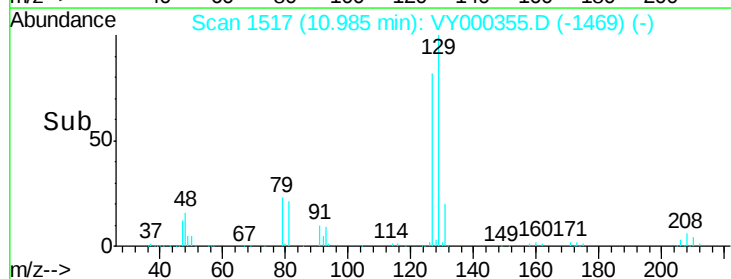
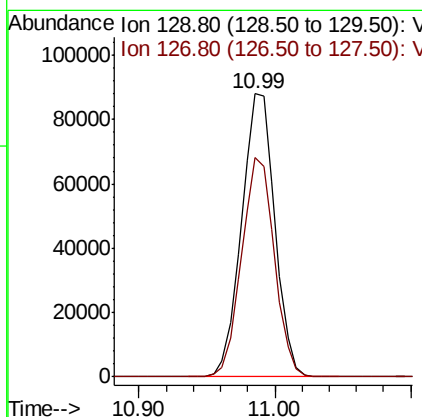
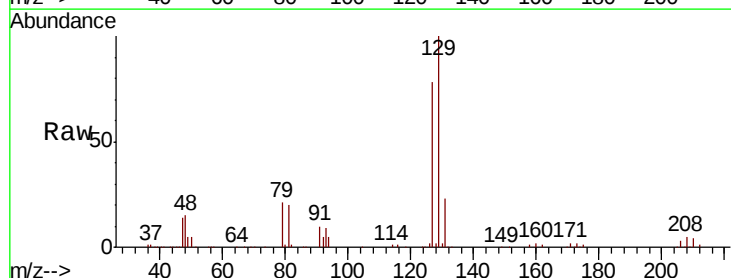
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

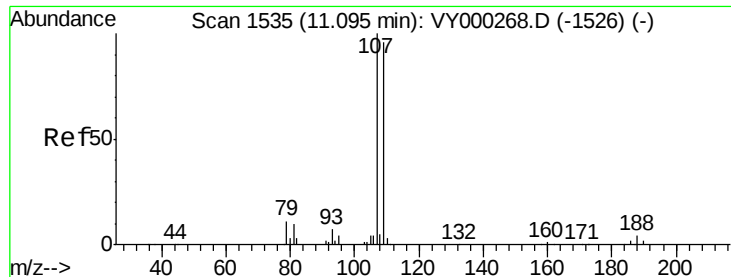
Tot Ion: 43 Resp: 514254
Ion Ratio Lower Upper
43 100
58 55.2 27.7 83.1



#60
Dibromochloromethane
Concen: 56.115 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.01 min
Lab File: VY000355.D
Acq: 18 Oct 2019 17:16

Tgt Ion: 129 Resp: 150692
Ion Ratio Lower Upper
129 100
127 76.2 39.9 119.7

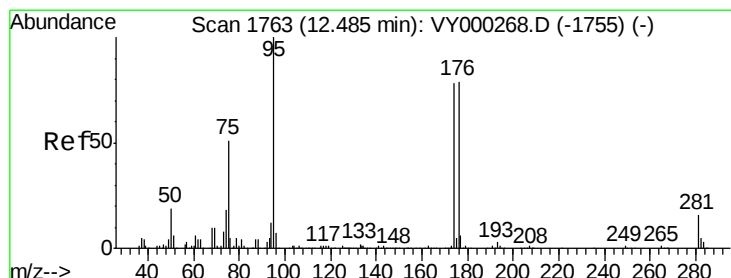
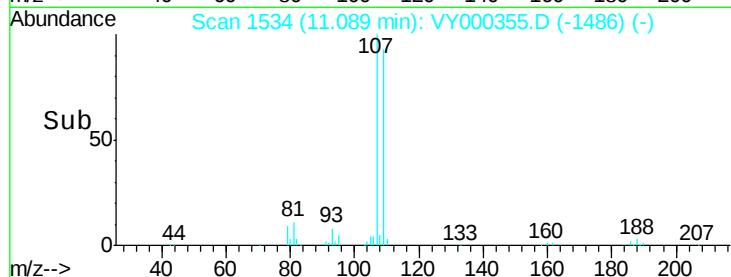
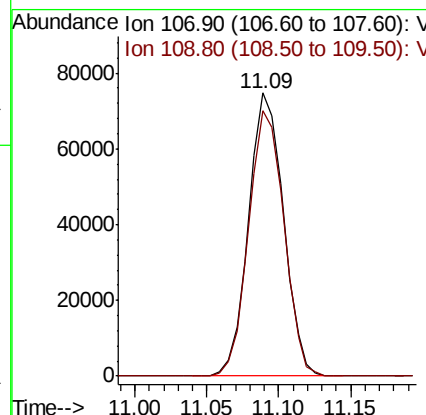
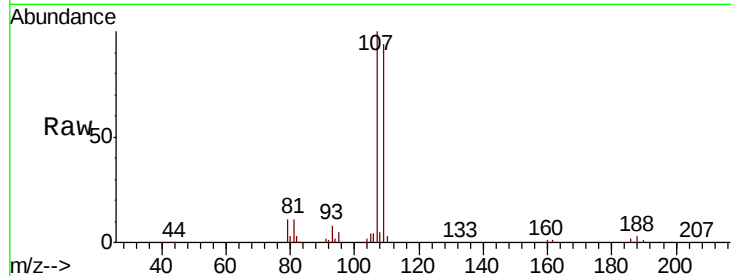




#61
 1,2-Dibromoethane
 Concen: 53.725 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.01 min
 Lab File: VY000355.D
 Acq: 18 Oct 2019 17:16

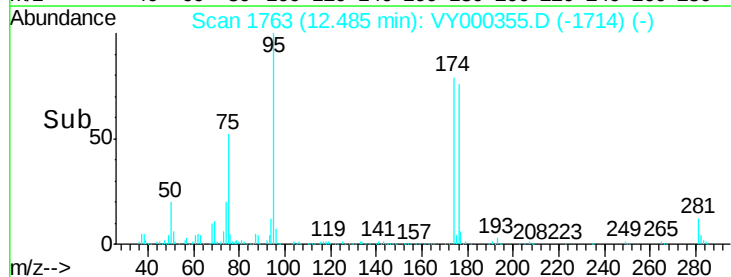
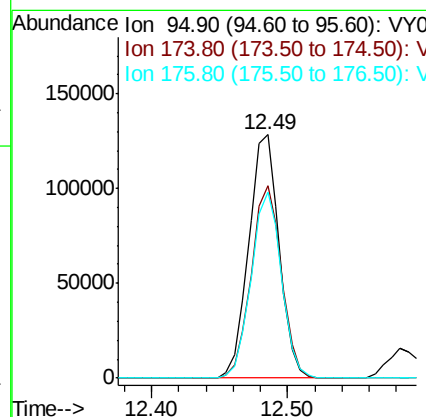
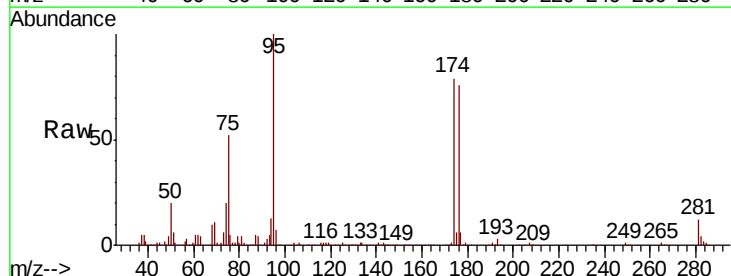
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

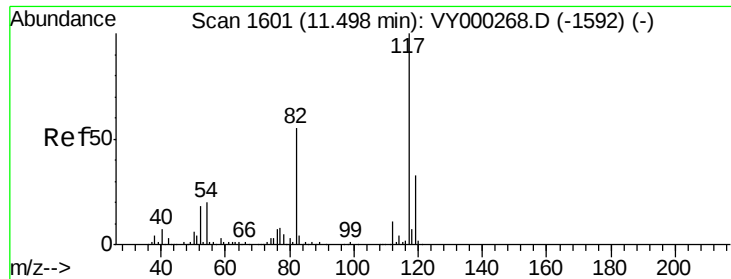
Tot Ion:107 Resp: 124980
 Ion Ratio Lower Upper
 107 100
 109 95.1 75.1 112.7



#62
 4-Bromofluorobenzene
 Concen: 53.000 ug/l
 RT: 12.49 min Scan# 1763
 Delta R.T. -0.00 min
 Lab File: VY000355.D
 Acq: 18 Oct 2019 17:16

Tgt Ion: 95 Resp: 200578
 Ion Ratio Lower Upper
 95 100
 174 78.9 0.0 159.6
 176 76.0 0.0 153.8

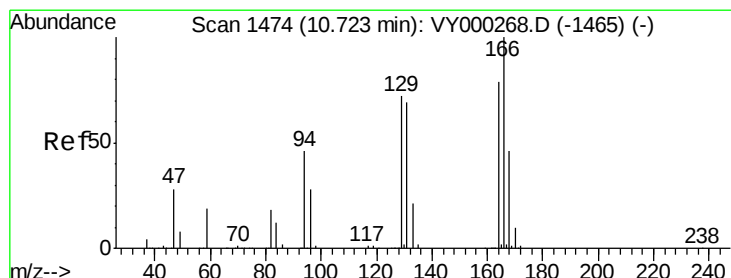
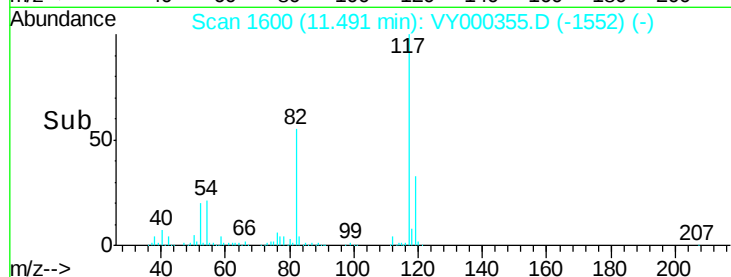
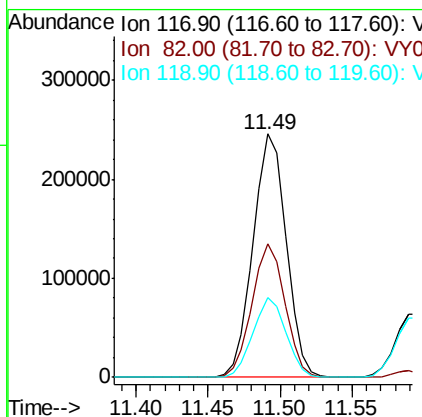
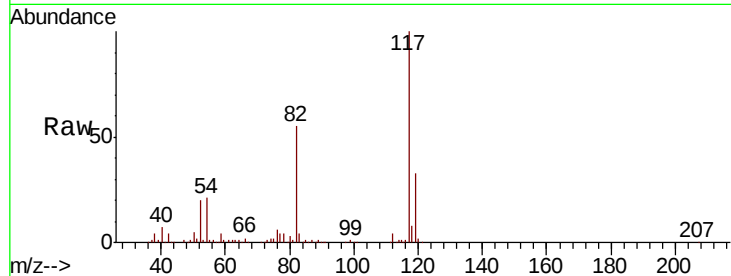




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY000355.D
Acq: 18 Oct 2019 17:16

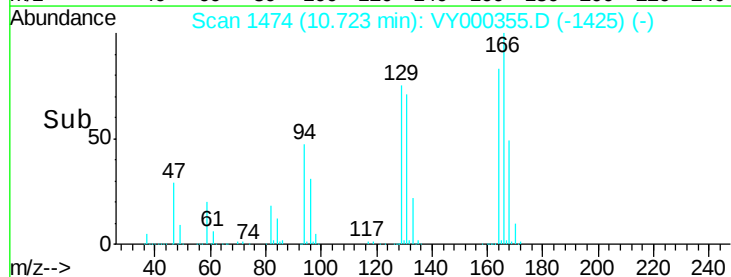
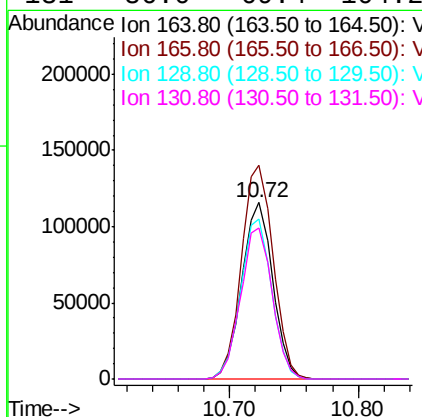
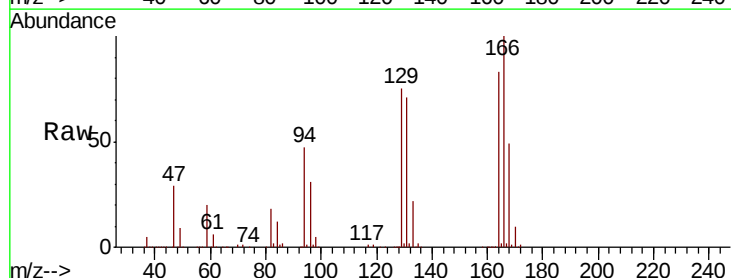
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

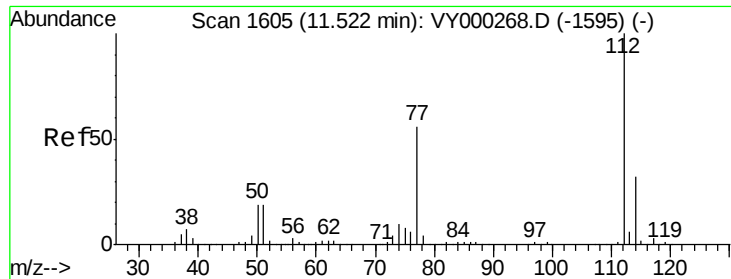
Tot Ion:117 Resp: 390525
Ion Ratio Lower Upper
117 100
82 54.7 43.7 65.5
119 32.5 26.6 39.8



#64
Tetrachloroethene
Concen: 51.445 ug/l
RT: 10.72 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VY000355.D
Acq: 18 Oct 2019 17:16

Tgt Ion:164 Resp: 191264
Ion Ratio Lower Upper
164 100
166 121.1 100.6 151.0
129 90.9 72.8 109.2
131 86.0 69.4 104.2

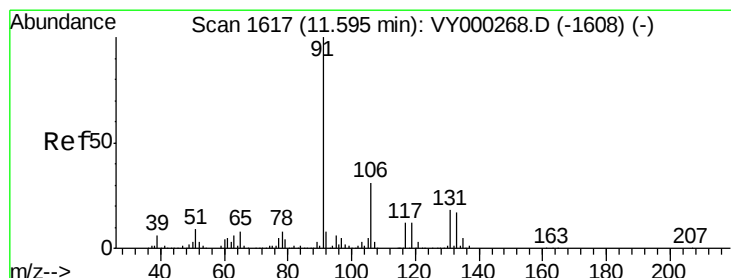
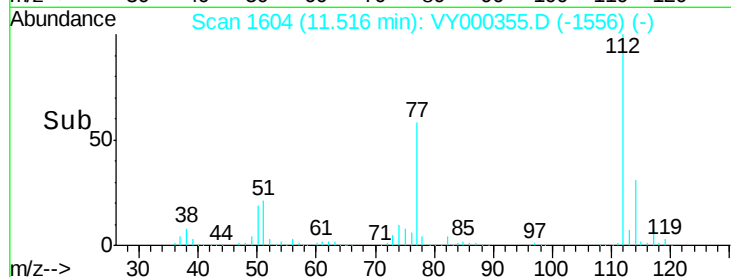
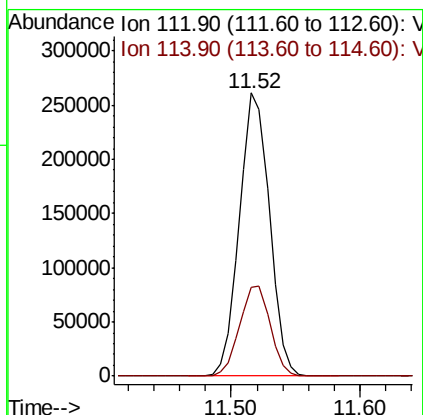
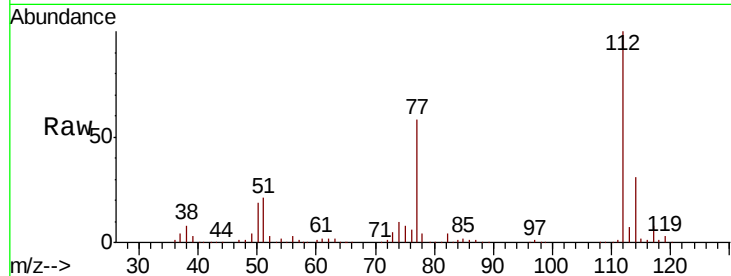




#65
Chlorobenzene
Concen: 51.321 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.01 min
Lab File: VY000355.D
Acq: 18 Oct 2019 17:16

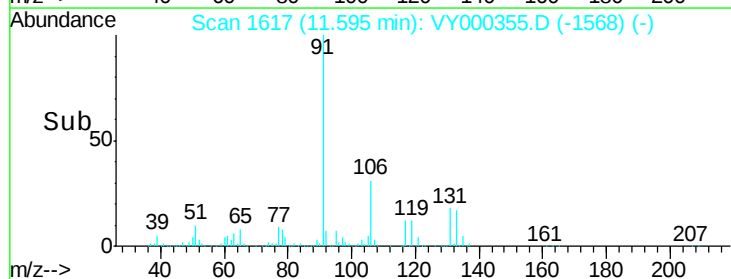
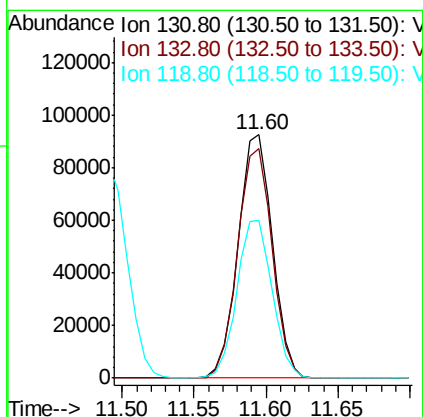
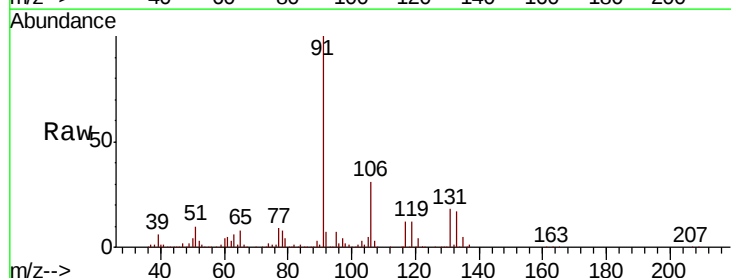
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

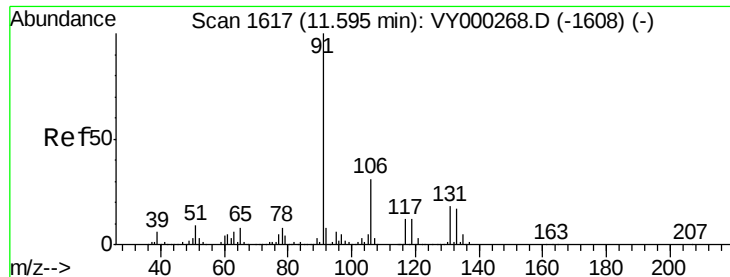
Tot Ion:112 Resp: 422978
Ion Ratio Lower Upper
112 100
114 31.5 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 52.814 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. -0.00 min
Lab File: VY000355.D
Acq: 18 Oct 2019 17:16

Tgt Ion:131 Resp: 152906
Ion Ratio Lower Upper
131 100
133 95.2 47.2 141.6
119 66.6 32.6 98.0





#67

Ethyl Benzene

Concen: 51.215 ug/l

RT: 11.60 min Scan# 1617

Delta R.T. -0.00 min

Lab File: VY000355.D

Acq: 18 Oct 2019 17:16

Instrument :

MSVOA_Y

ClientSampleId :

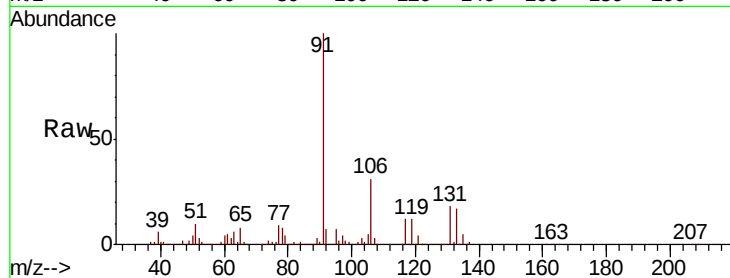
VSTDCCC050EC

Tot Ion: 91 Resp: 782481

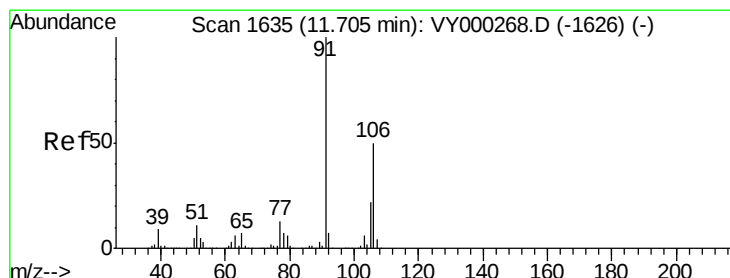
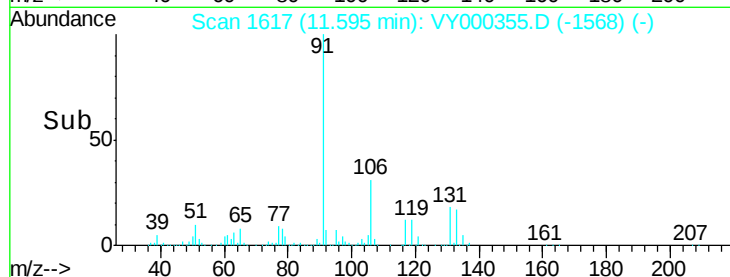
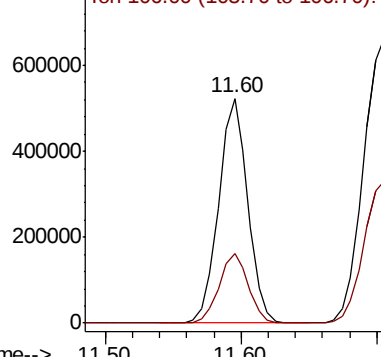
Ion Ratio Lower Upper

91 100

106 31.1 25.0 37.6



Abundance Ion 91.00 (90.70 to 91.70): VY000355.D (-1568) (-)



#68

m/p-Xylenes

Concen: 102.803 ug/l

RT: 11.70 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VY000355.D

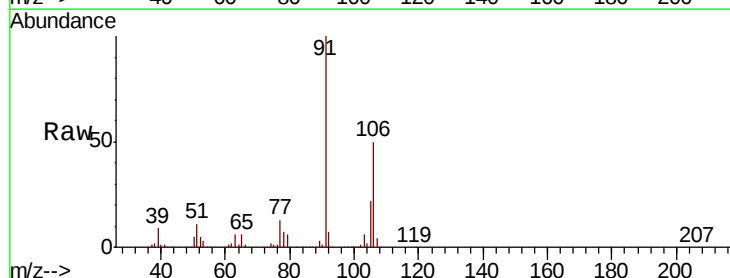
Acq: 18 Oct 2019 17:16

Tgt Ion: 106 Resp: 600445

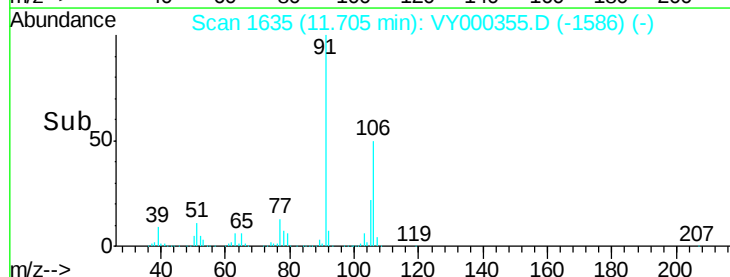
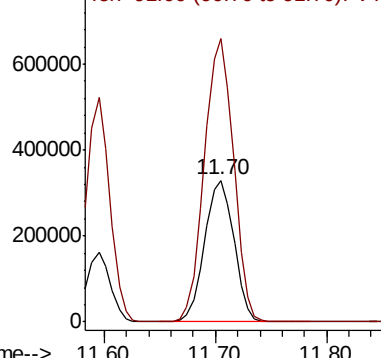
Ion Ratio Lower Upper

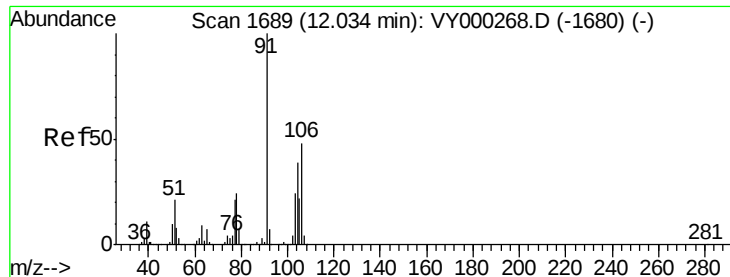
106 100

91 199.4 157.5 236.3



Abundance Ion 106.00 (105.70 to 106.70): VY000355.D (-1586) (-)

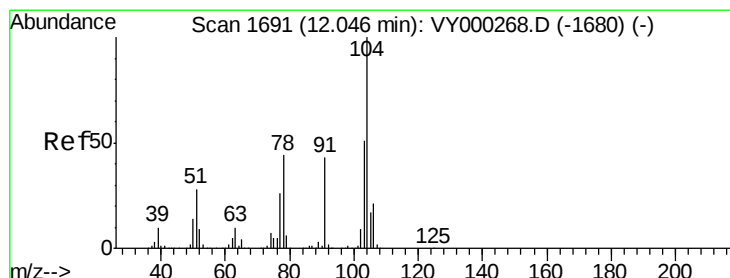
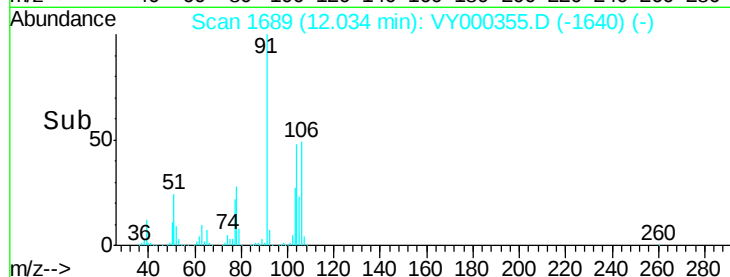
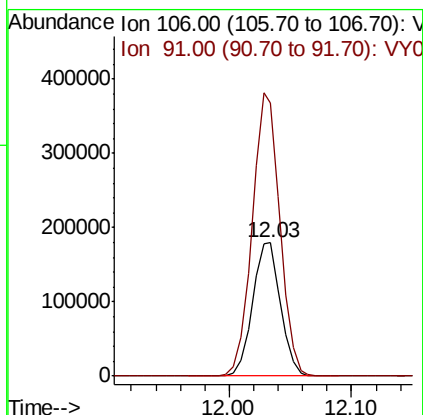
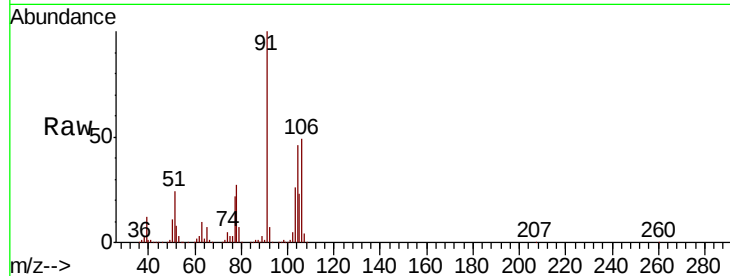




#69
o-Xylene
Concen: 50.970 ug/l
RT: 12.03 min Scan# 1689
Delta R.T. -0.00 min
Lab File: VY000355.D
Acq: 18 Oct 2019 17:16

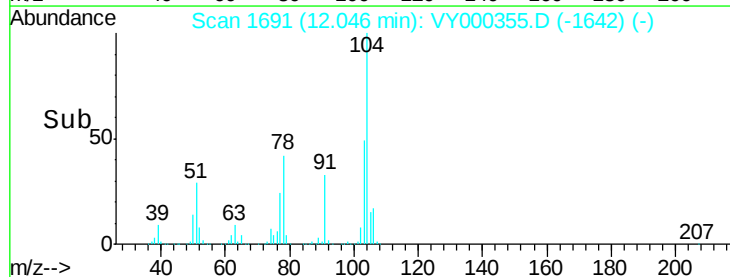
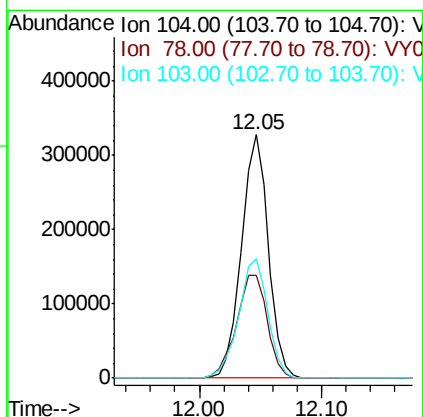
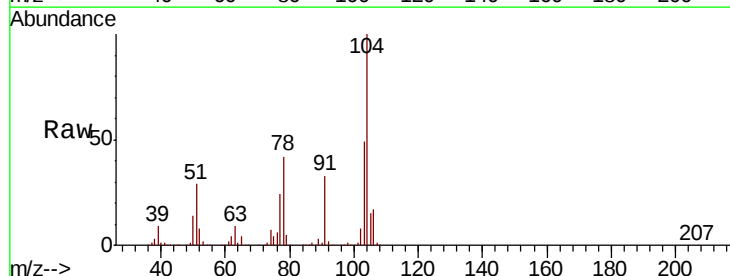
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

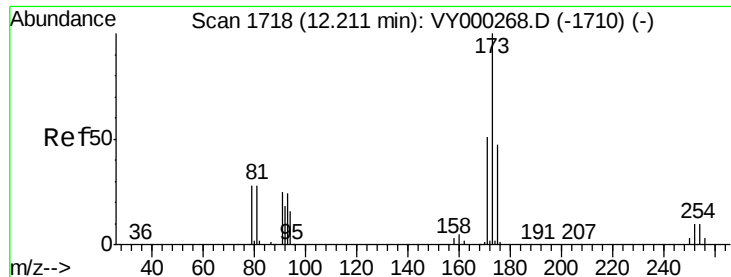
Tot Ion:106 Resp: 283997
Ion Ratio Lower Upper
106 100
91 210.8 104.7 313.9



#70
Styrene
Concen: 53.034 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. -0.00 min
Lab File: VY000355.D
Acq: 18 Oct 2019 17:16

Tgt Ion:104 Resp: 498351
Ion Ratio Lower Upper
104 100
78 48.7 39.0 58.6
103 53.3 43.1 64.7

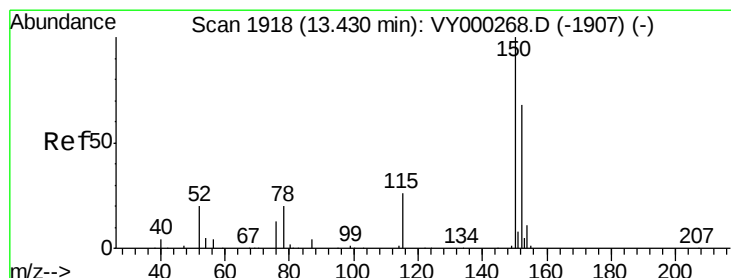
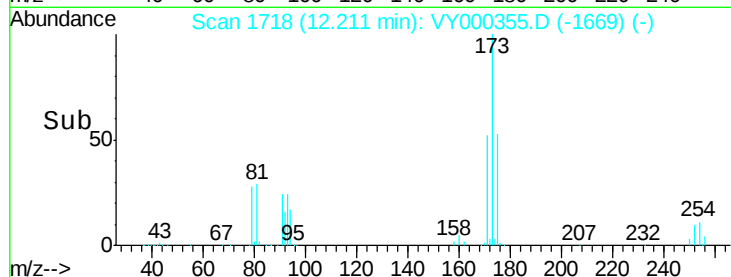
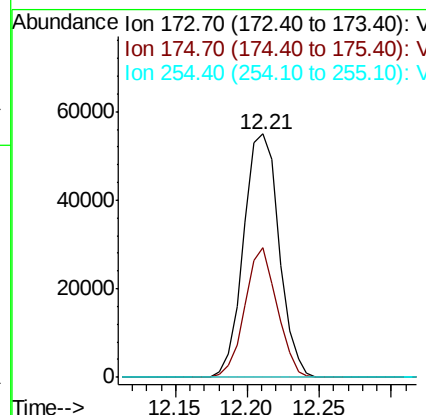
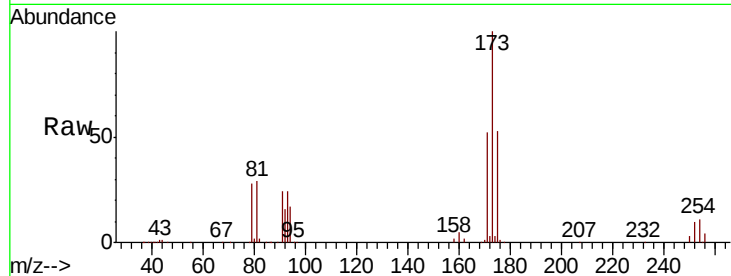




#71
Bromoform
Concen: 56.338 ug/l
RT: 12.21 min Scan# 1718
Delta R.T. -0.00 min
Lab File: VY000355.D
Acq: 18 Oct 2019 17:16

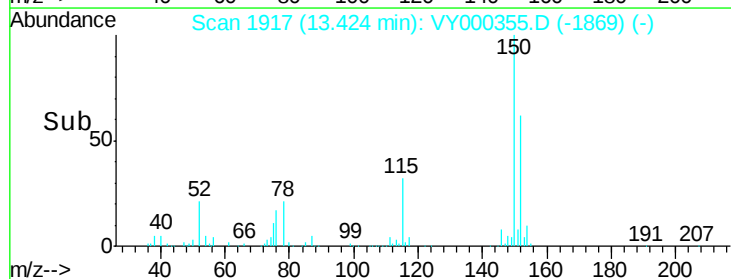
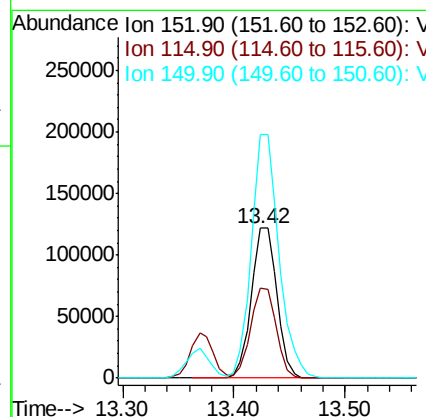
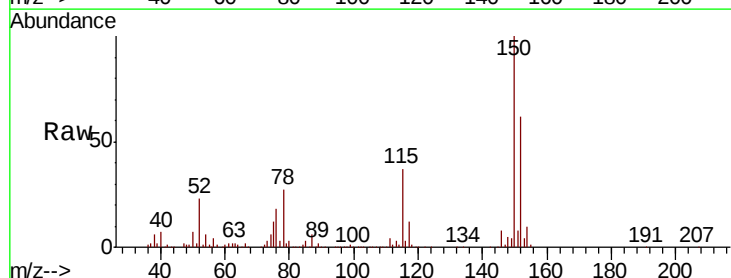
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

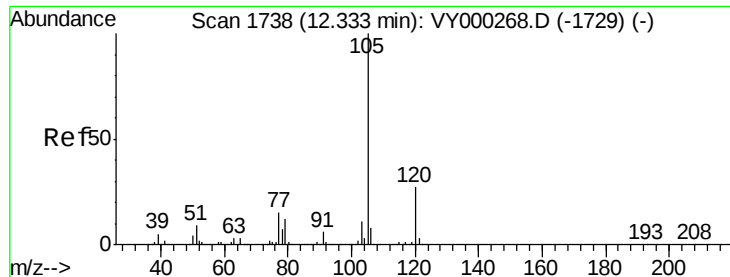
Tot Ion:173 Resp: 93765
Ion Ratio Lower Upper
173 100
175 48.3 24.6 73.6
254 0.1 0.1 0.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.01 min
Lab File: VY000355.D
Acq: 18 Oct 2019 17:16

Tgt Ion:152 Resp: 194684
Ion Ratio Lower Upper
152 100
115 59.9 29.3 88.0
150 175.1 0.0 348.4





#73

Isopropylbenzene

Concen: 50.685 ug/l

RT: 12.33 min Scan# 1738

Delta R.T. -0.00 min

Lab File: VY000355.D

Acq: 18 Oct 2019 17:16

Instrument :

MSVOA_Y

ClientSampleId :

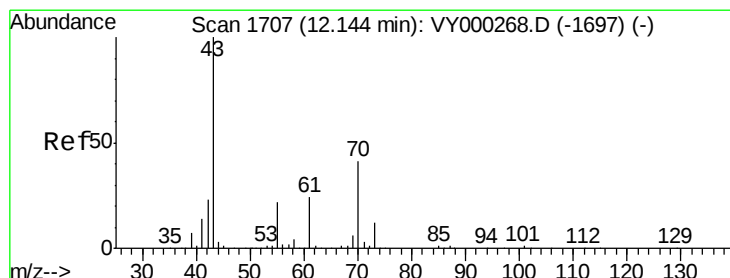
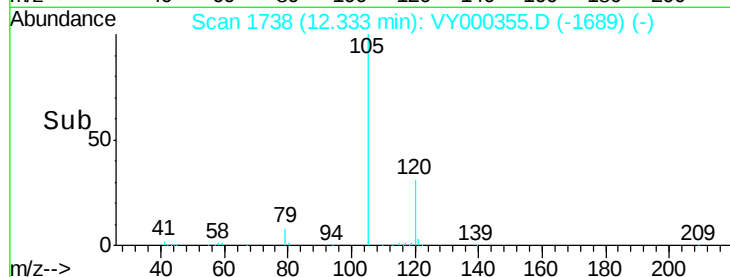
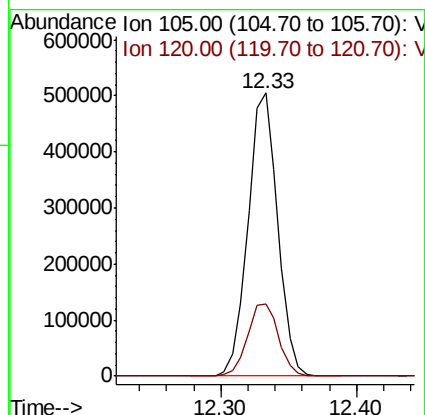
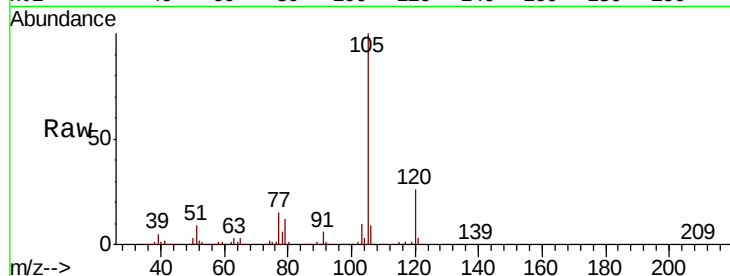
VSTDCCC050EC

Tot Ion:105 Resp: 769403

Ion Ratio Lower Upper

105 100

120 26.8 13.4 40.2



#74

N-ethyl acetate

Concen: 63.669 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VY000355.D

Acq: 18 Oct 2019 17:16

Tgt Ion: 43 Resp: 237276

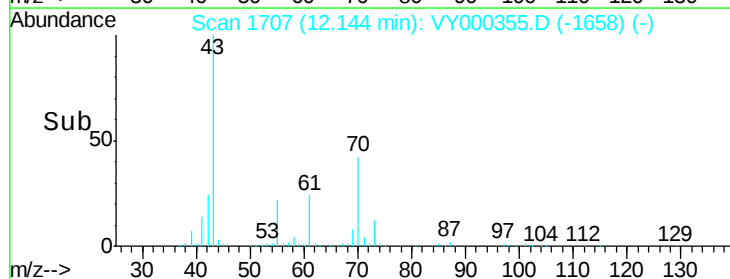
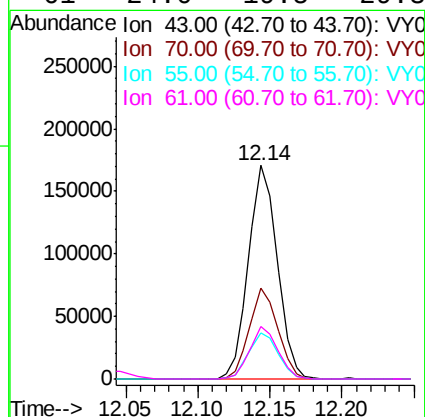
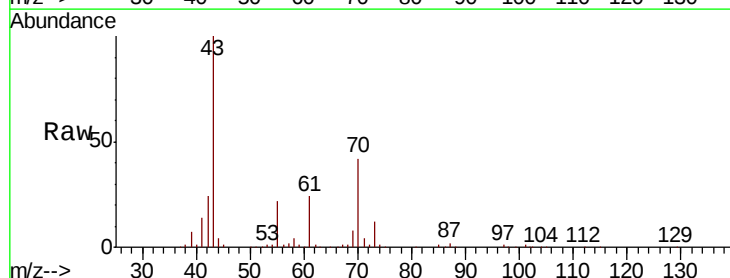
Ion Ratio Lower Upper

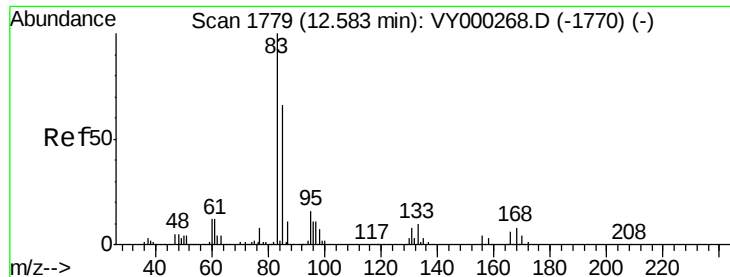
43 100

70 42.0 32.9 49.3

55 22.4 17.8 26.6

61 24.0 19.5 29.3





#75

1,1,2,2-Tetrachloroethane

Concen: 53.204 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY000355.D

Acq: 18 Oct 2019 17:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

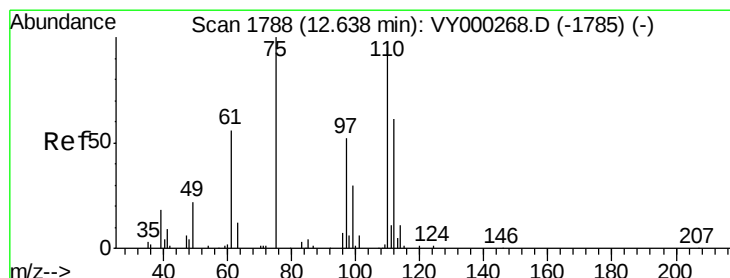
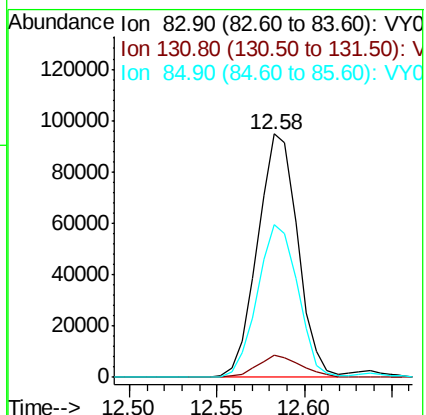
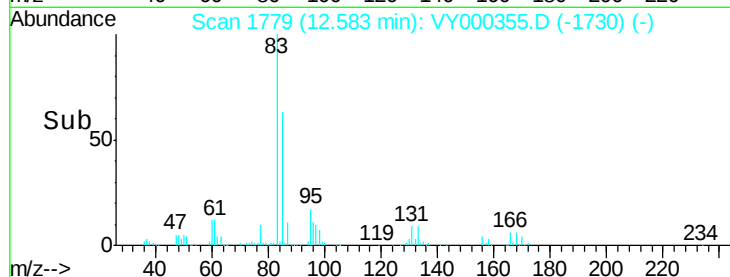
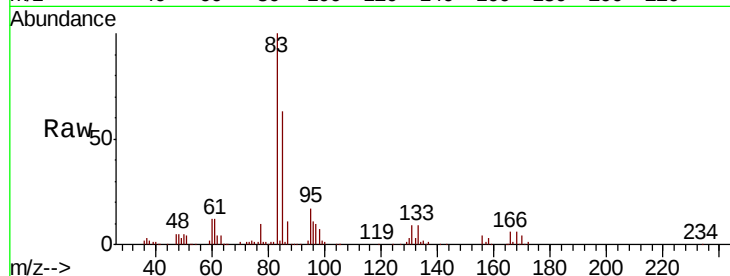
Tot Ion: 83 Resp: 151642

Ion Ratio Lower Upper

83 100

131 9.6 5.3 16.1

85 63.1 32.9 98.7



#76

1,2,3-Trichloropropane

Concen: 43.790 ug/l m

RT: 12.64 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VY000355.D

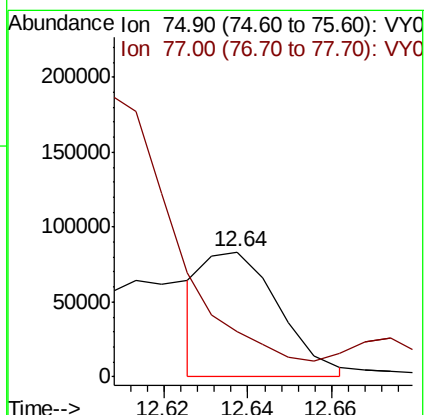
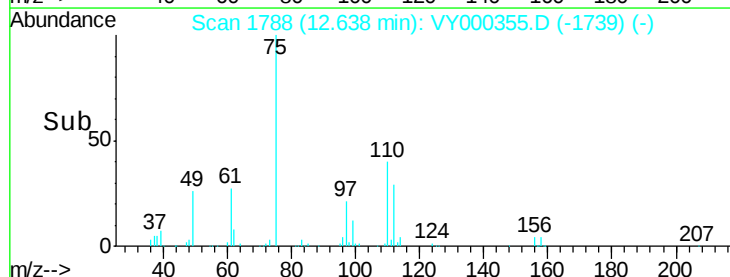
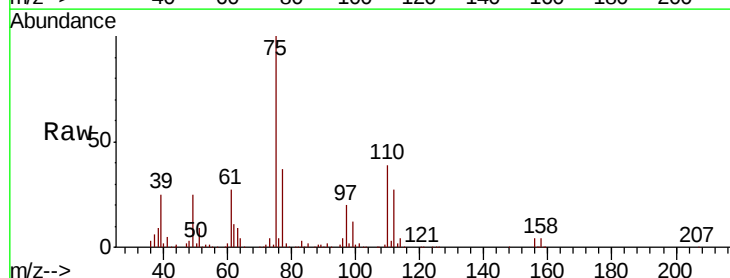
Acq: 18 Oct 2019 17:16

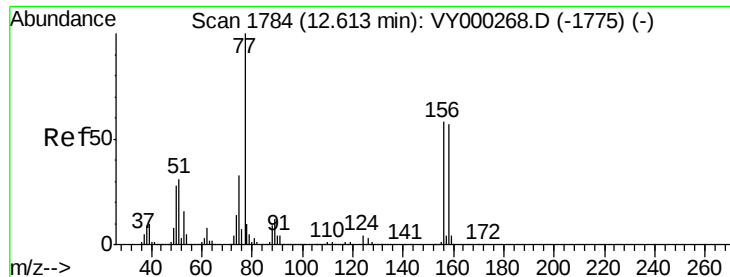
Tgt Ion: 75 Resp: 104832

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 51.255 ug/l

RT: 12.61 min Scan# 1784

Delta R.T. -0.00 min

Lab File: VY000355.D

Acq: 18 Oct 2019 17:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

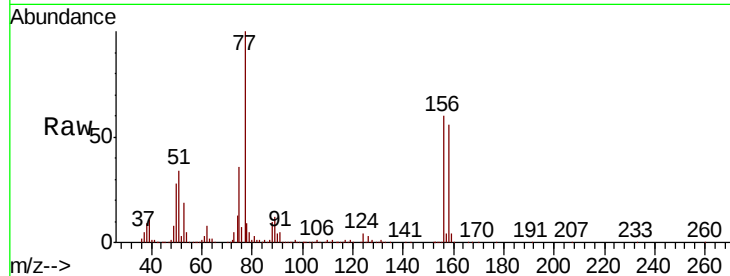
Tot Ion:156 Resp: 173137

Ion Ratio Lower Upper

156 100

77 203.0 101.0 302.9

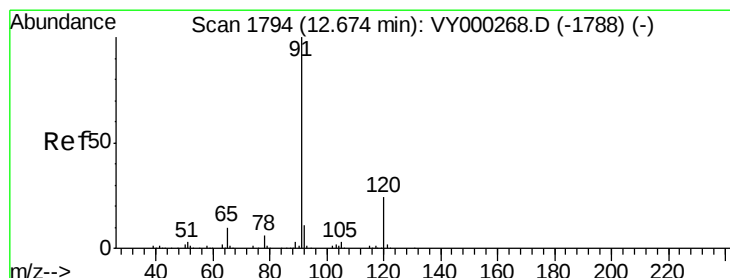
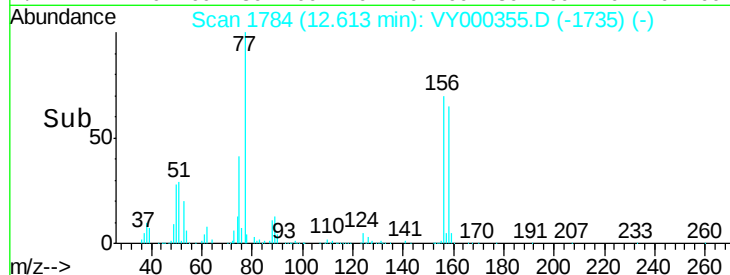
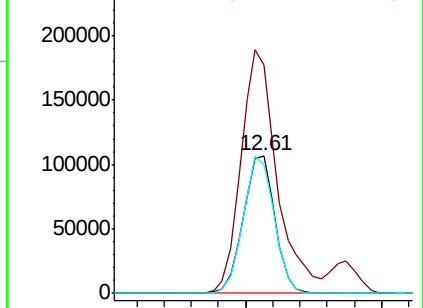
158 97.5 49.7 149.1



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 51.035 ug/l

RT: 12.67 min Scan# 1794

Delta R.T. -0.00 min

Lab File: VY000355.D

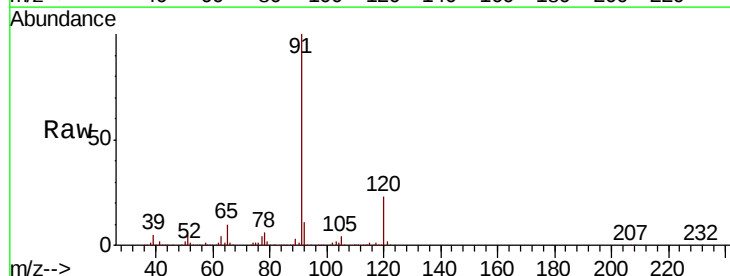
Acq: 18 Oct 2019 17:16

Tgt Ion: 91 Resp: 930164

Ion Ratio Lower Upper

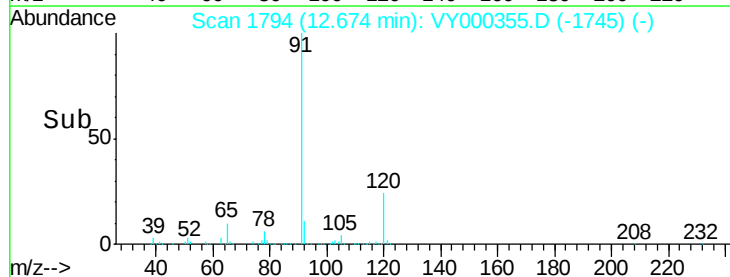
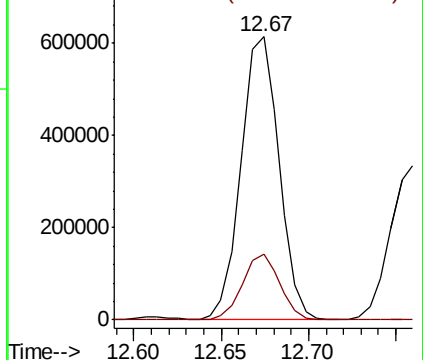
91 100

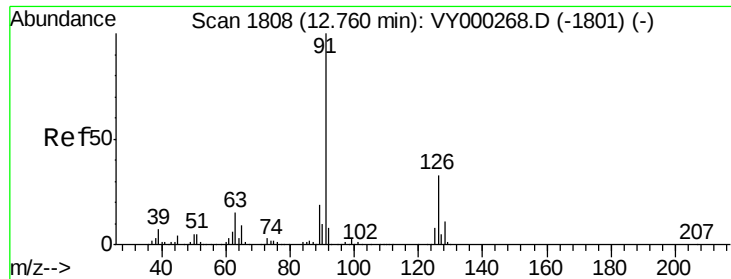
120 22.8 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

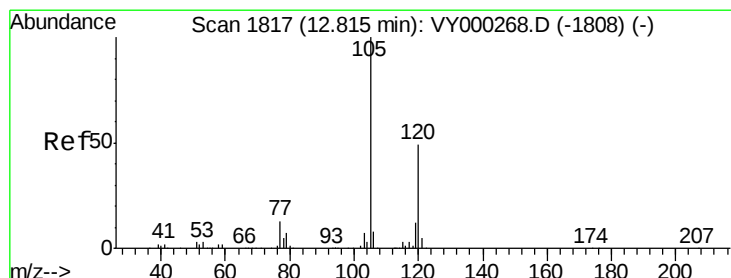
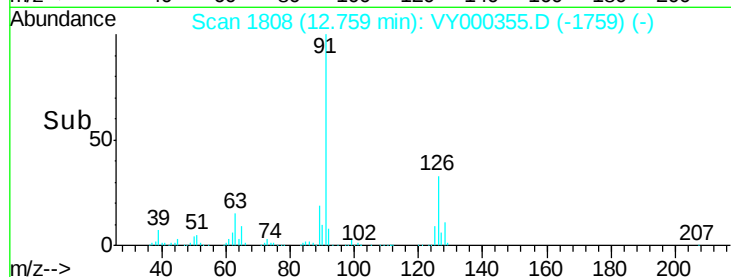
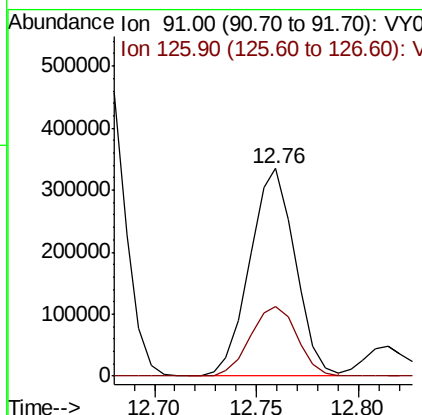
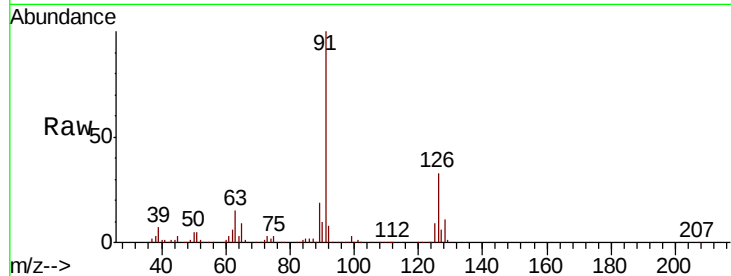




#79
 2-Chlorotoluene
 Concen: 51.494 ug/l
 RT: 12.76 min Scan# 1808
 Delta R.T. -0.00 min
 Lab File: VY000355.D
 Acq: 18 Oct 2019 17:16

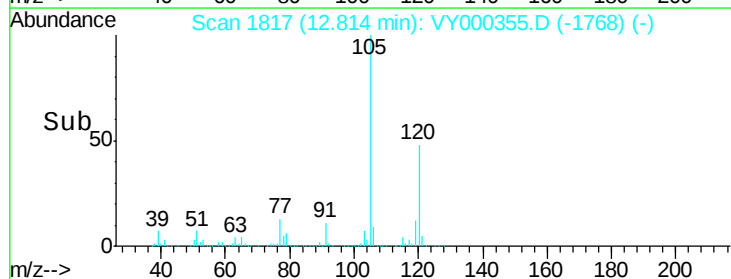
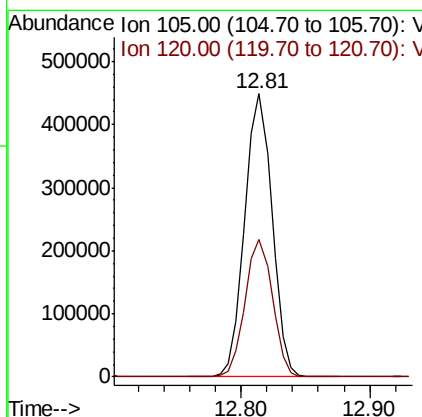
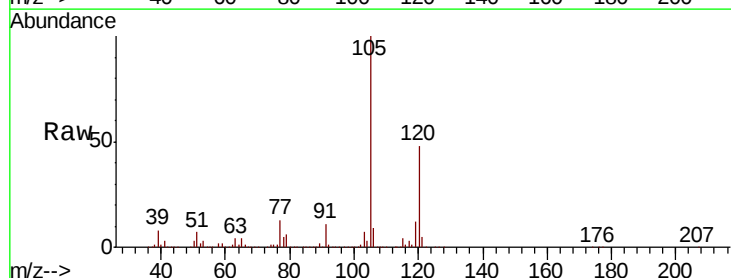
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

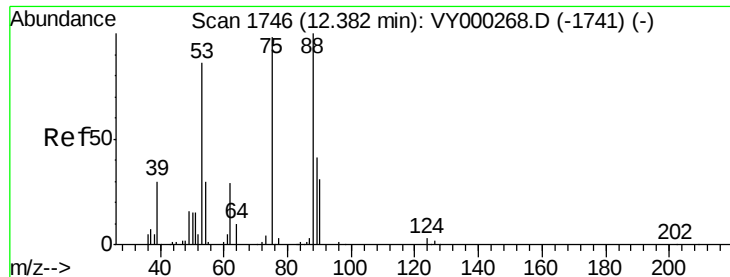
Tot Ion: 91 Resp: 518316
 Ion Ratio Lower Upper
 91 100
 126 34.4 17.1 51.3



#80
 1,3,5-Trimethylbenzene
 Concen: 51.728 ug/l
 RT: 12.81 min Scan# 1817
 Delta R.T. -0.00 min
 Lab File: VY000355.D
 Acq: 18 Oct 2019 17:16

Tgt Ion: 105 Resp: 658451
 Ion Ratio Lower Upper
 105 100
 120 48.4 24.9 74.8





#81

trans-1,4-Dichloro-2-butene

Concen: 53.284 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. -0.00 min

Lab File: VY000355.D

Acq: 18 Oct 2019 17:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

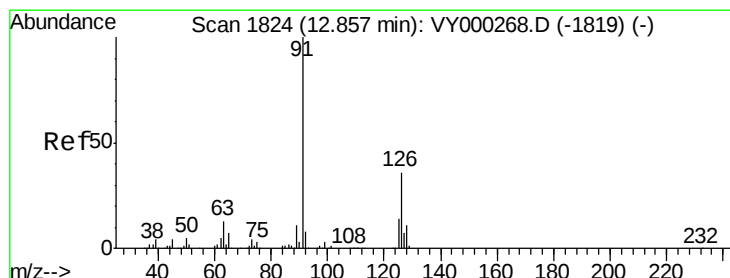
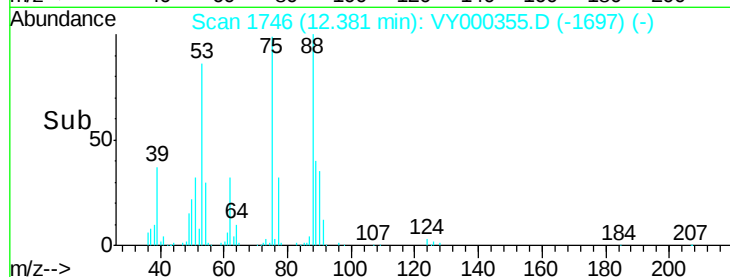
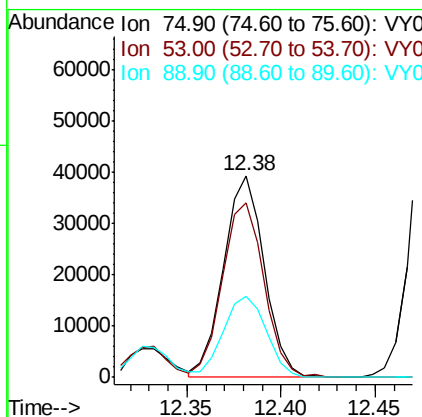
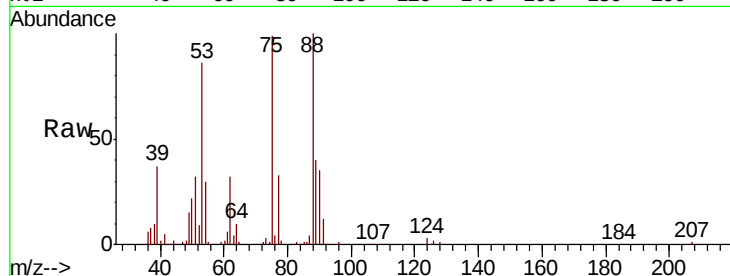
Tot Ion: 75 Resp: 58300

Ion Ratio Lower Upper

75 100

53 89.9 71.3 106.9

89 43.2 35.1 52.7



#82

4-Chlorotoluene

Concen: 52.683 ug/l

RT: 12.86 min Scan# 1824

Delta R.T. -0.00 min

Lab File: VY000355.D

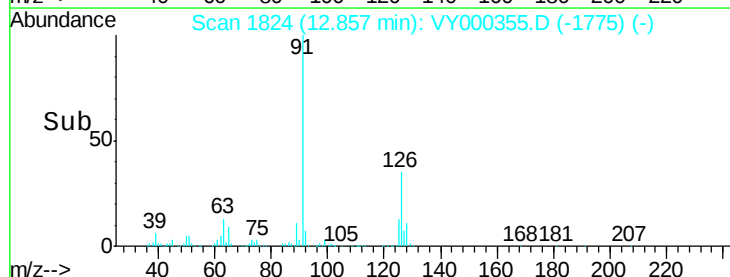
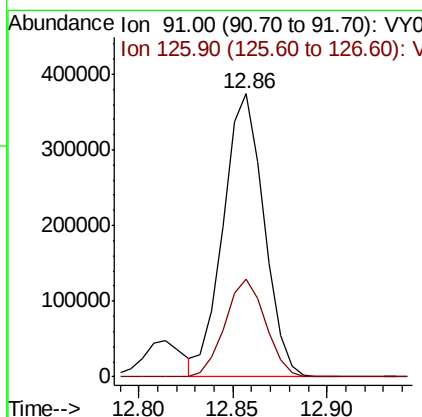
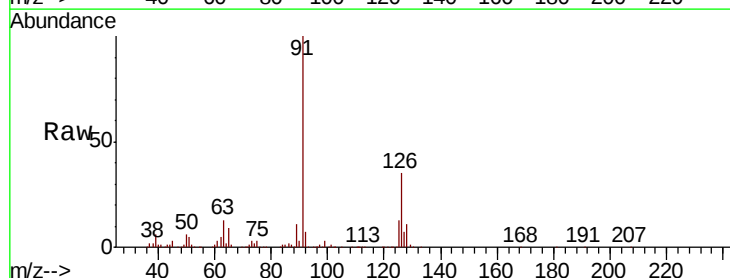
Acq: 18 Oct 2019 17:16

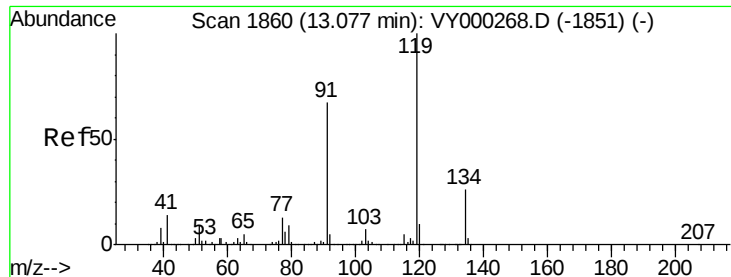
Tgt Ion: 91 Resp: 560544

Ion Ratio Lower Upper

91 100

126 34.3 17.2 51.5

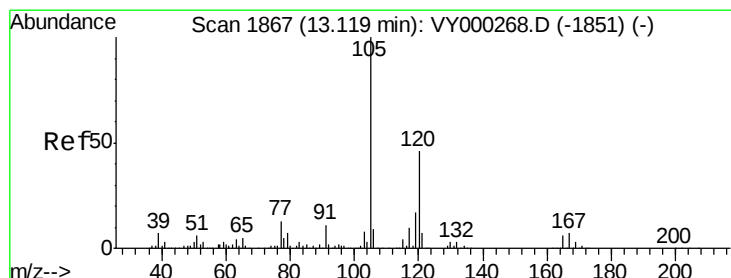
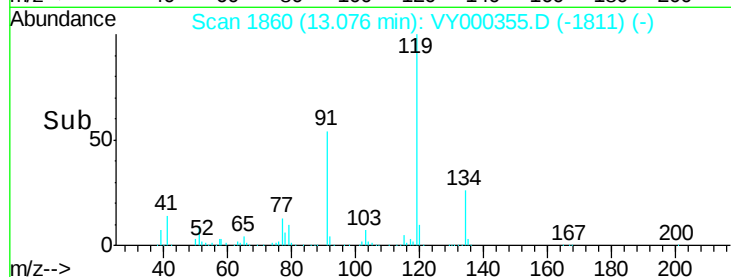
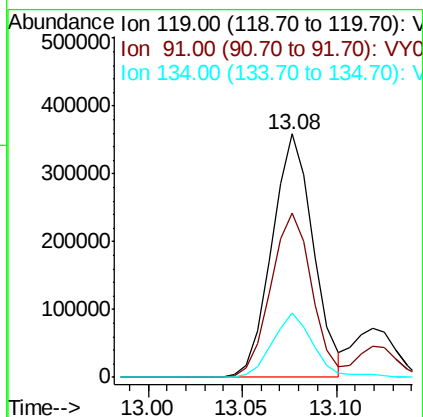
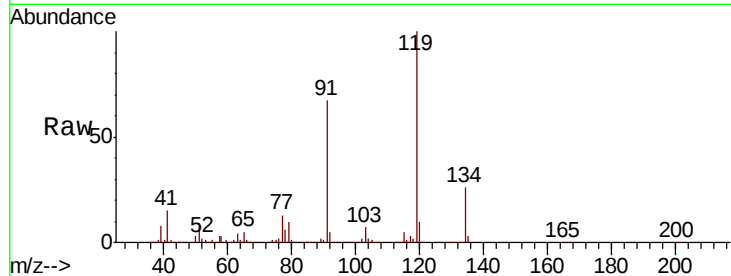




#83
tert-Butylbenzene
Concen: 50.657 ug/l
RT: 13.08 min Scan# 1860
Delta R.T. -0.00 min
Lab File: VY000355.D
Acq: 18 Oct 2019 17:16

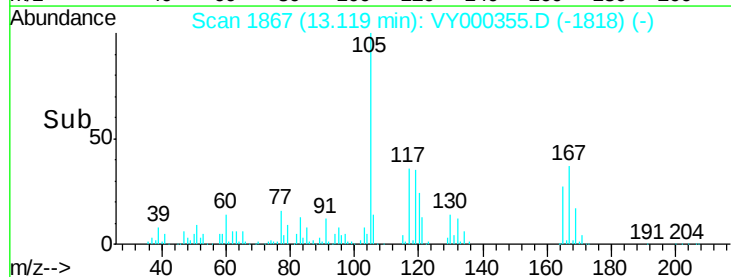
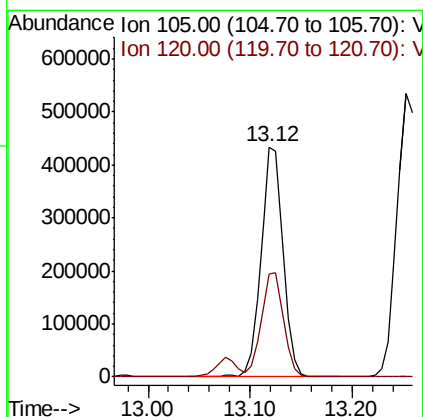
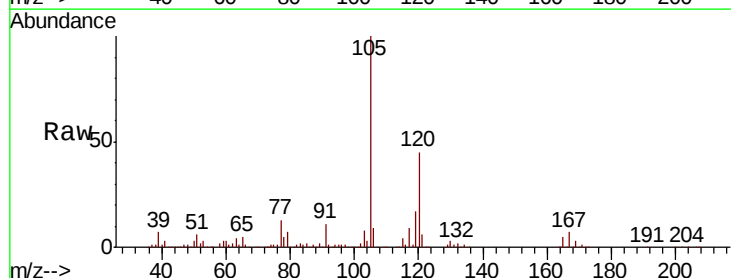
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion:119 Resp: 546052
Ion Ratio Lower Upper
119 100
91 66.8 32.9 98.7
134 26.2 13.3 39.8



#84
1,2,4-Trimethylbenzene
Concen: 52.188 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. -0.00 min
Lab File: VY000355.D
Acq: 18 Oct 2019 17:16

Tgt Ion:105 Resp: 655640
Ion Ratio Lower Upper
105 100
120 45.6 22.9 68.8





#85

sec-Butylbenzene

Concen: 51.490 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VY000355.D

Acq: 18 Oct 2019 17:16

Instrument :

MSVOA_Y

ClientSampleId :

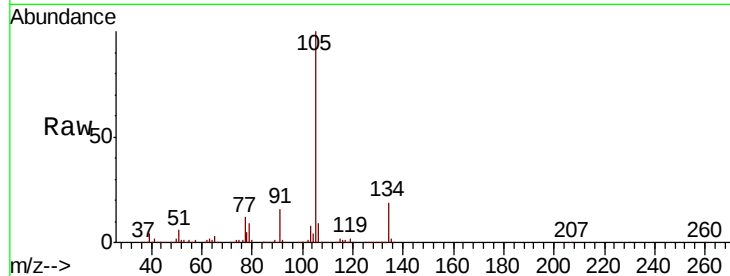
VSTDCCC050EC

Tot Ion:105 Resp: 802924

Ion Ratio Lower Upper

105 100

134 20.0 10.1 30.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.25

600000

500000

400000

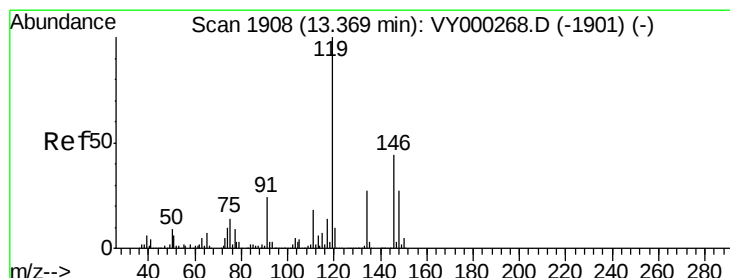
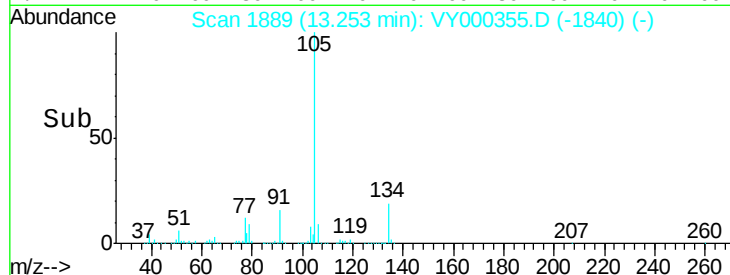
300000

200000

100000

0

Time-->



#86

p-Isopropyltoluene

Concen: 52.585 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.00 min

Lab File: VY000355.D

Acq: 18 Oct 2019 17:16

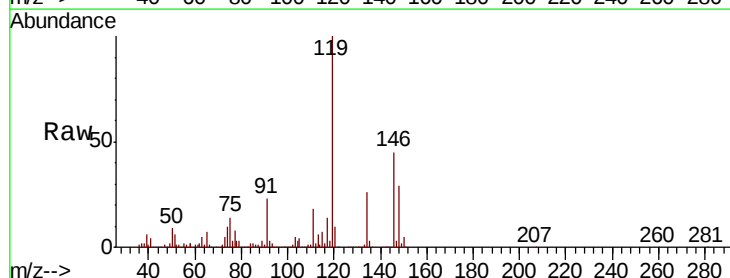
Tgt Ion:119 Resp: 714880

Ion Ratio Lower Upper

119 100

134 27.0 13.6 40.8

91 23.7 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

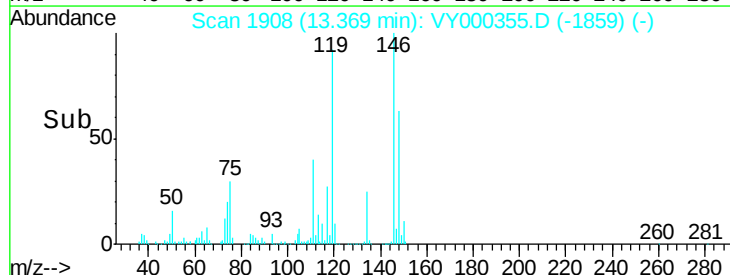
600000

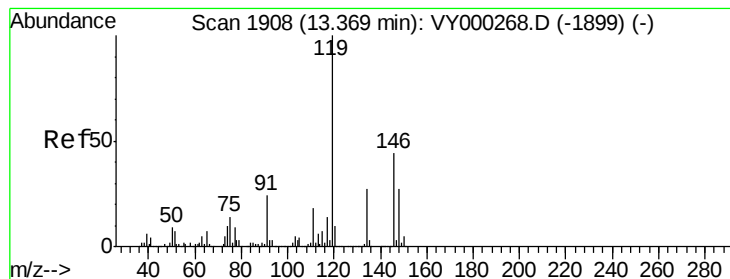
400000

200000

0

Time-->





#87

1,3-Dichlorobenzene

Concen: 51.225 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.00 min

Lab File: VY000355.D

Acq: 18 Oct 2019 17:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

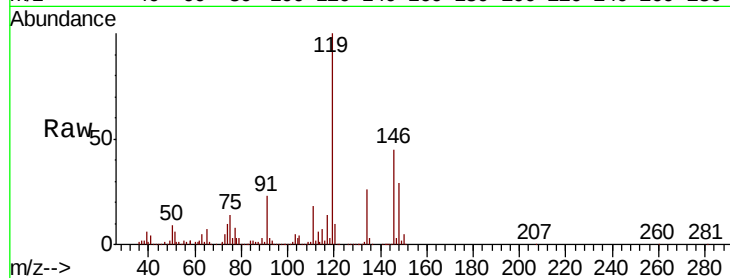
Tot Ion:146 Resp: 340928

Ion Ratio Lower Upper

146 100

111 40.9 20.6 61.8

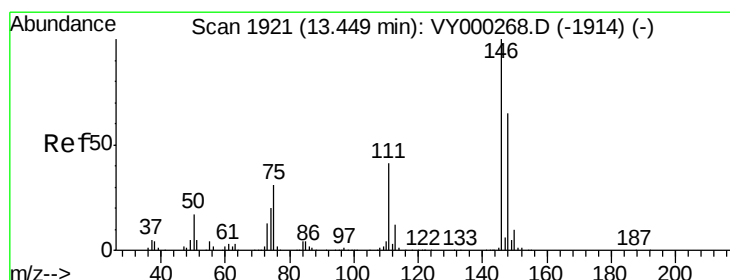
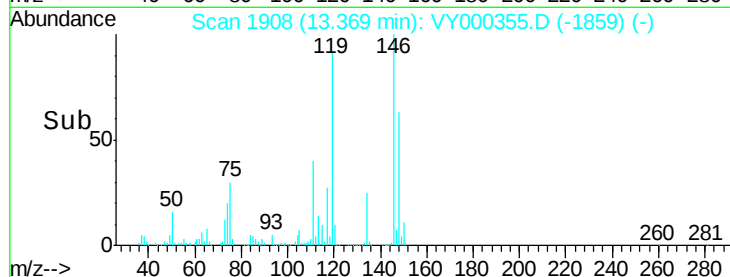
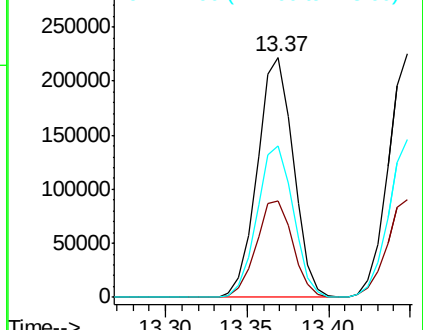
148 63.7 31.9 95.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 51.946 ug/l

RT: 13.45 min Scan# 1921

Delta R.T. -0.00 min

Lab File: VY000355.D

Acq: 18 Oct 2019 17:16

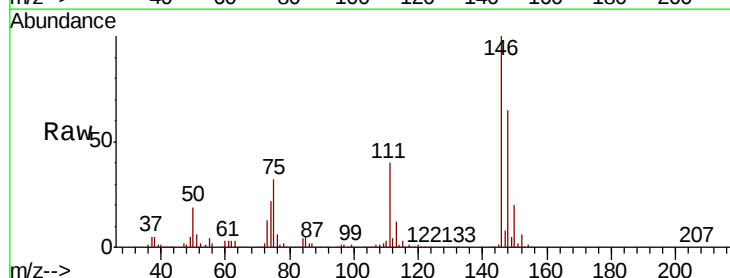
Tgt Ion:146 Resp: 345559

Ion Ratio Lower Upper

146 100

111 40.0 20.1 60.2

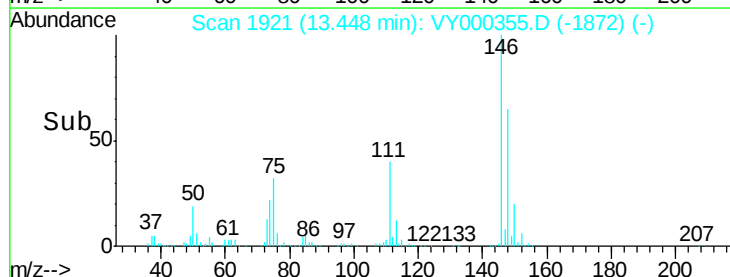
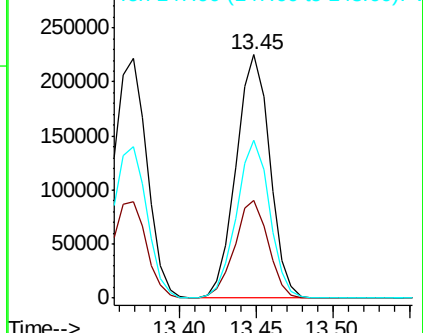
148 63.6 32.4 97.2

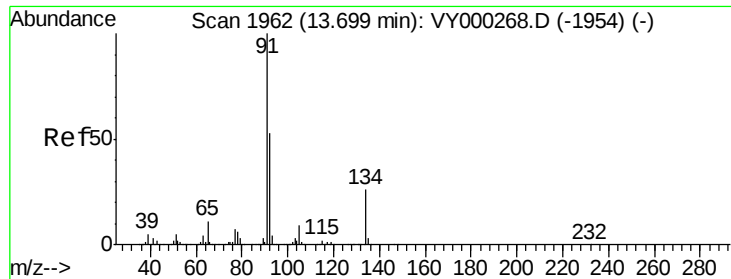


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

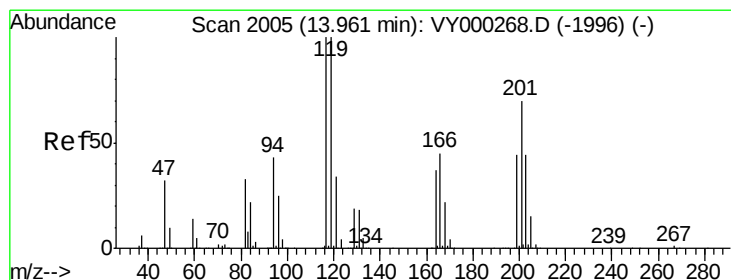
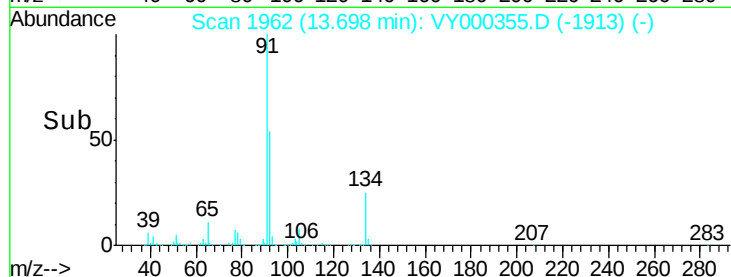
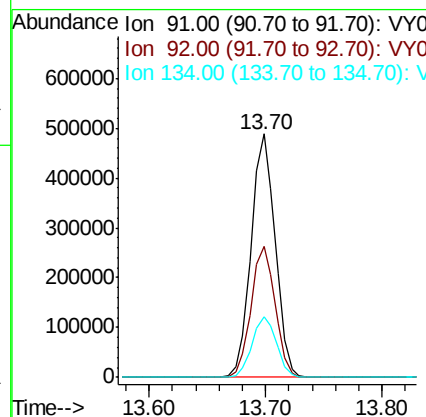
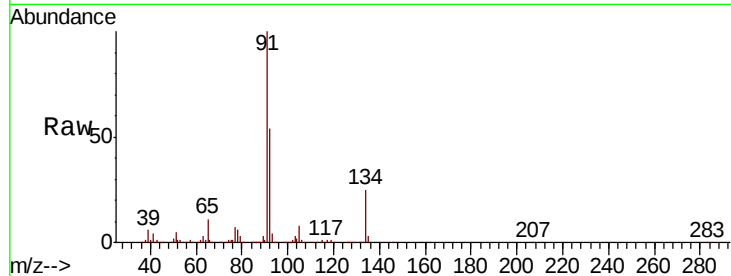




#89
n-Butylbenzene
Concen: 52.479 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. -0.00 min
Lab File: VY000355.D
Acq: 18 Oct 2019 17:16

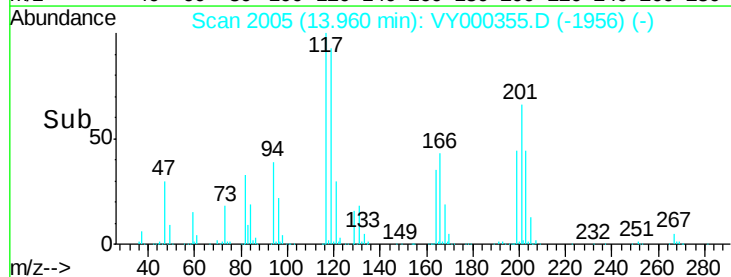
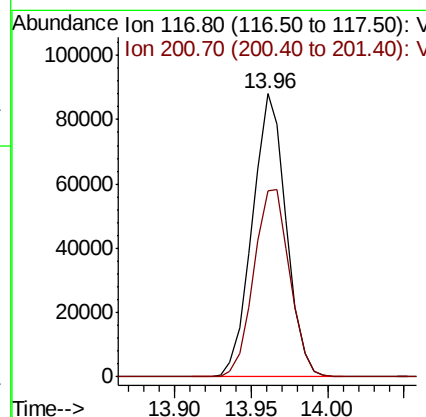
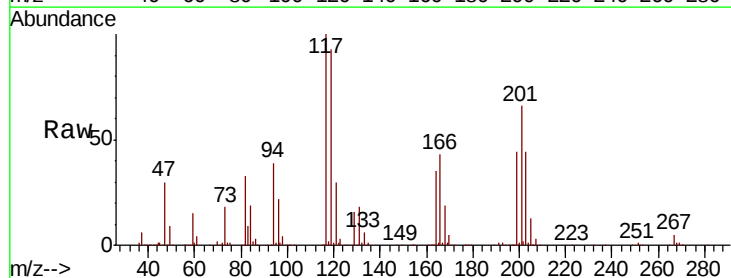
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 705031
Ion Ratio Lower Upper
91 100
92 54.0 26.7 80.1
134 25.3 13.0 38.9



#90
Hexachloroethane
Concen: 53.790 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. -0.00 min
Lab File: VY000355.D
Acq: 18 Oct 2019 17:16

Tgt Ion: 117 Resp: 135410
Ion Ratio Lower Upper
117 100
201 70.4 36.3 108.7





#91

1,2-Dichlorobenzene

Concen: 52.819 ug/l

RT: 13.74 min Scan# 1969

Delta R.T. -0.00 min

Lab File: VY000355.D

Acq: 18 Oct 2019 17:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

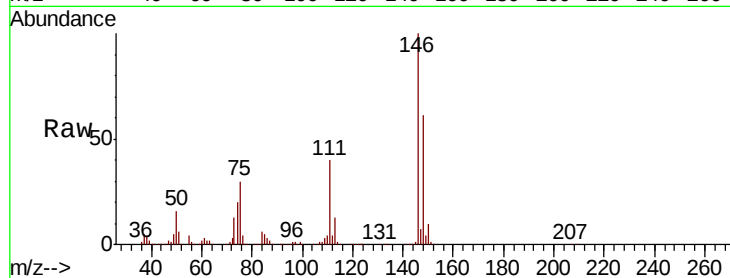
Tot Ion:146 Resp: 318132

Ion Ratio Lower Upper

146 100

111 41.2 20.5 61.5

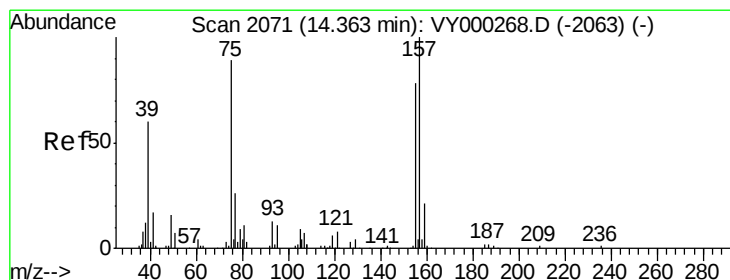
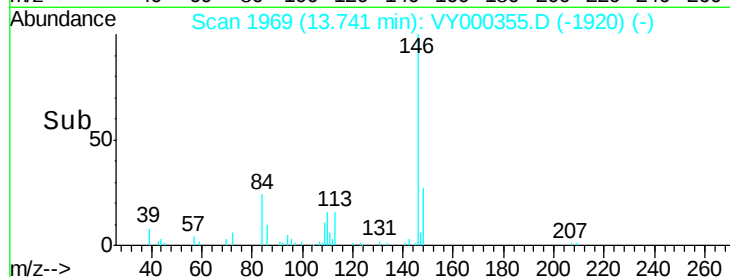
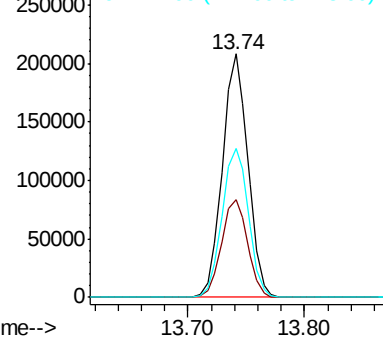
148 63.5 31.6 95.0



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: 54.938 ug/l

RT: 14.36 min Scan# 2071

Delta R.T. -0.00 min

Lab File: VY000355.D

Acq: 18 Oct 2019 17:16

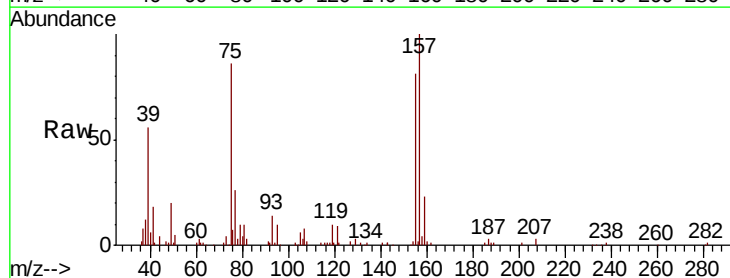
Tgt Ion: 75 Resp: 29697

Ion Ratio Lower Upper

75 100

155 83.9 45.8 137.3

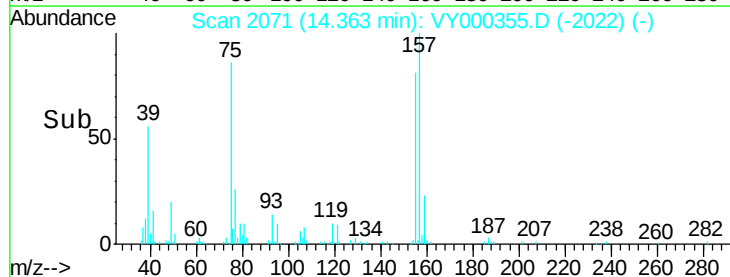
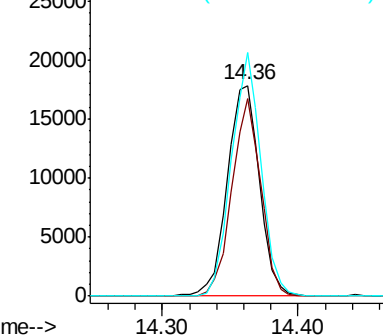
157 105.3 55.6 166.9

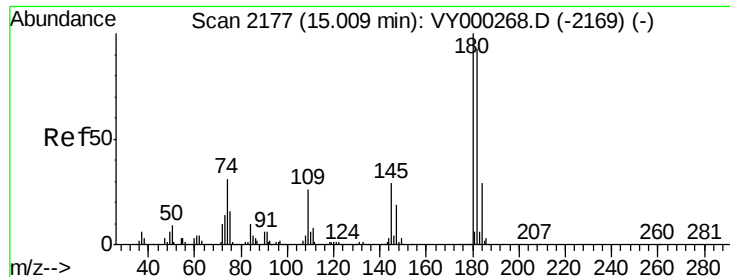


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

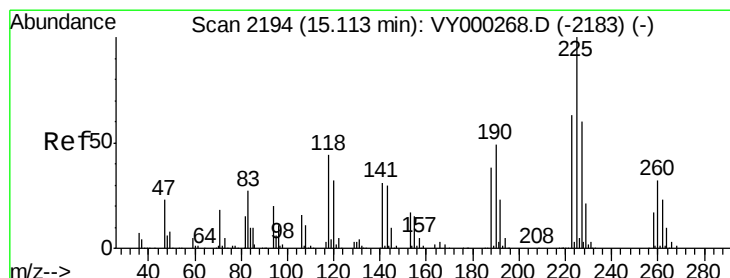
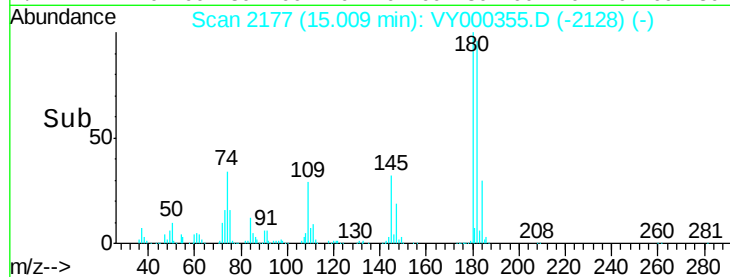
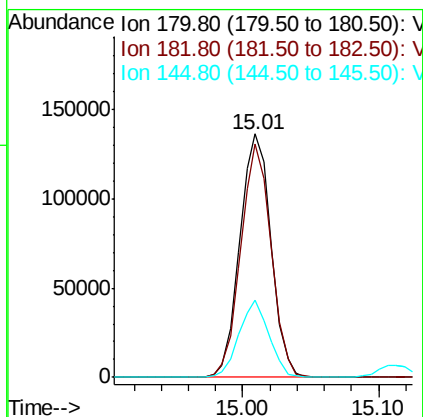
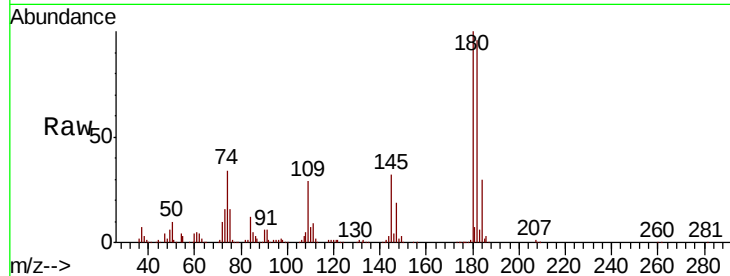




#93
 1,2,4-Trichlorobenzene
 Concen: 51.815 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. -0.00 min
 Lab File: VY000355.D
 Acq: 18 Oct 2019 17:16

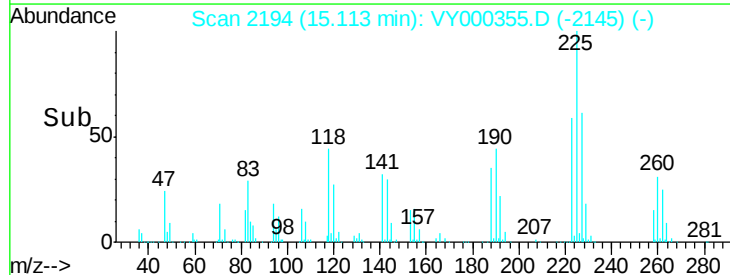
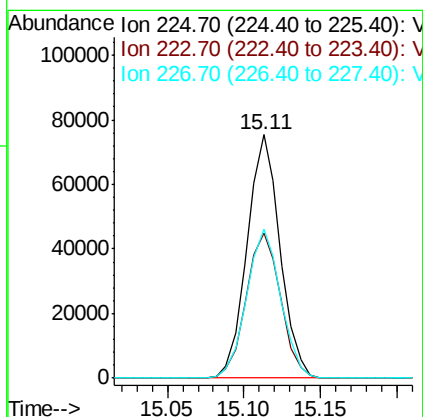
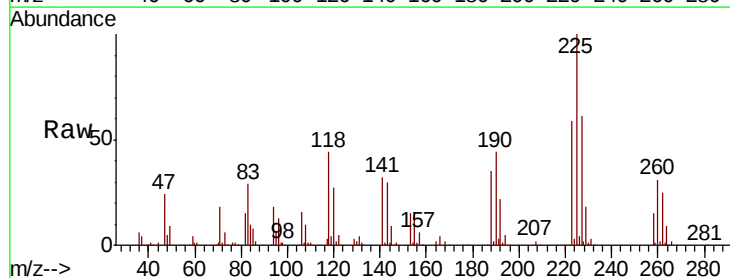
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

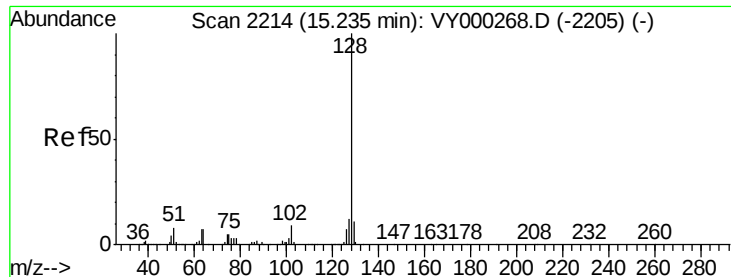
Tot Ion:180 Resp: 217286
 Ion Ratio Lower Upper
 180 100
 182 93.8 47.5 142.6
 145 30.6 15.4 46.1



#94
 Hexachlorobutadiene
 Concen: 49.711 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. -0.00 min
 Lab File: VY000355.D
 Acq: 18 Oct 2019 17:16

Tgt Ion:225 Resp: 112813
 Ion Ratio Lower Upper
 225 100
 223 62.1 31.9 95.7
 227 63.3 31.4 94.2

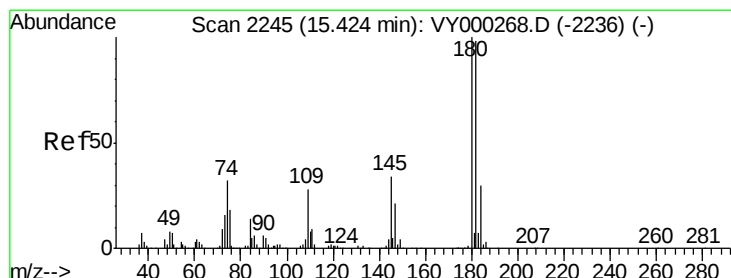
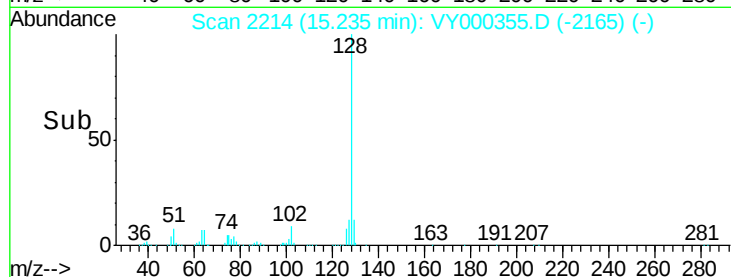
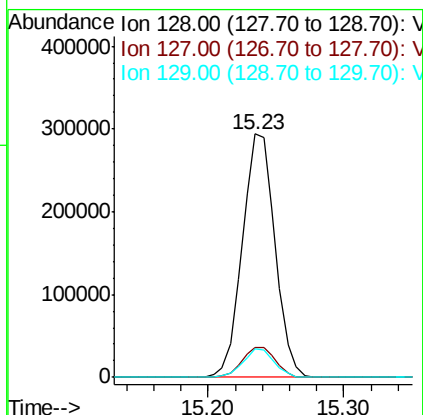
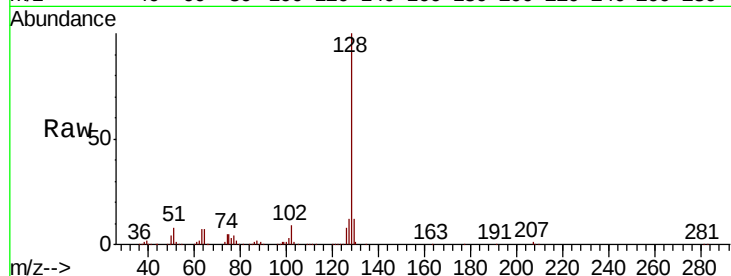




#95
Naphthalene
Concen: 52.643 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. -0.00 min
Lab File: VY000355.D
Acq: 18 Oct 2019 17:16

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 492650
Ion Ratio Lower Upper
128 100
127 12.5 9.6 14.4
129 11.2 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 52.325 ug/l
RT: 15.43 min Scan# 2246
Delta R.T. 0.01 min
Lab File: VY000355.D
Acq: 18 Oct 2019 17:16

Tgt Ion:180 Resp: 197757
Ion Ratio Lower Upper
180 100
182 94.6 46.5 139.5
145 31.7 16.2 48.5

