

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY101619\
 Data File : VY000326.D
 Acq On : 16 Oct 2019 13:48
 Operator : SY/MD
 Sample : K5111-03 4PPBMDL
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 17 01:36:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y101119S.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 14 08:10:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	291826	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	492846	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	431928	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	206241	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	169387	55.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.06%	
35) Dibromofluoromethane	7.73	113	151595	50.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.98%	
50) Toluene-d8	10.19	98	606207	53.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.02%	
62) 4-Bromofluorobenzene	12.48	95	213927	49.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.48%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	12624	1.223	ug/l	94
3) Chloromethane	2.11	50	18227	5.111	ug/l	93
4) Vinyl Chloride	2.25	62	16228	4.509	ug/l	98
5) Bromomethane	2.65	94	13367	5.012	ug/l	96
6) Chloroethane	2.80	64	10867	4.680	ug/l	94
7) Trichlorofluoromethane	3.13	101	23042	4.681	ug/l	89
8) Diethyl Ether	3.53	74	8415	4.839	ug/l	89
9) 1,1,2-Trichlorotrifluoroet	3.91	101	13578	4.548	ug/l	97
10) Methyl Iodide	4.09	142	14056	4.413	ug/l	98
11) Tert butyl alcohol	4.97	59	7960	24.709	ug/l	98
12) 1,1-Dichloroethene	3.87	96	13676	4.640	ug/l	85
13) Acrolein	3.73	56	7070	18.719	ug/l	100
14) Allyl chloride	4.48	41	20495	4.196	ug/l	93
15) Acrylonitrile	5.17	53	21664	22.256	ug/l	98
16) Acetone	3.95	43	19262	19.322	ug/l	91
17) Carbon Disulfide	4.19	76	40083	4.319	ug/l	98
18) Methyl Acetate	4.49	43	13056	5.271	ug/l	98
19) Methyl tert-butyl Ether	5.23	73	37161	4.529	ug/l	95
21) trans-1,2-Dichloroethene	5.24	96	15146	4.479	ug/l	93
22) Diisopropyl ether	6.13	45	47042	4.554	ug/l	97
23) Vinyl Acetate	6.08	43	139965	20.768	ug/l	99
24) 1,1-Dichloroethane	6.03	63	25633	4.546	ug/l	96
25) 2-Butanone	7.00	43	30848	21.967	ug/l	95
26) 2,2-Dichloropropane	6.99	77	26713	5.141	ug/l	94
27) cis-1,2-Dichloroethene	7.00	96	16328	4.462	ug/l	87
28) Bromochloromethane	7.34	49	11182	4.619	ug/l	99
29) Tetrahydrofuran	7.36	42	18644	21.907	ug/l	97
30) Chloroform	7.52	83	26970	4.749	ug/l	98
31) Cyclohexane	7.80	56	30764	5.224	ug/l #	74
32) 1,1,1-Trichloroethane	7.72	97	23705	4.695	ug/l	98
36) 1,1-Dichloropropene	7.93	75	21338	4.422	ug/l	98
37) Ethyl Acetate	7.10	43	12426	4.349	ug/l #	91
38) Carbon Tetrachloride	7.91	117	19424	4.158	ug/l	86
39) Methylcyclohexane	9.19	83	27394	4.338	ug/l	95

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

40) Benzene	8.17	78	59859	4.293	ug/l	94
41) Methacrylonitrile	7.33	41	7560	5.559	ug/l #	34
42) 1,2-Dichloroethane	8.24	62	18088	4.541	ug/l	99
43) Isopropyl Acetate	8.28	43	23409	4.309	ug/l	97
44) Trichloroethene	8.95	130	17072	4.363	ug/l	89
45) 1,2-Dichloropropane	9.23	63	15094	4.411	ug/l	96
46) Dibromomethane	9.32	93	8381	4.381	ug/l	96
47) Bromodichloromethane	9.50	83	18908	4.194	ug/l	99
48) Methyl methacrylate	9.30	41	9548	4.010	ug/l	95
49) 1,4-Dioxane	9.30	88	2549	88.869	ug/l #	79
51) 4-Methyl-2-Pentanone	10.08	43	60176	21.476	ug/l	98
52) Toluene	10.25	92	38457	4.344	ug/l	95
53) t-1,3-Dichloropropene	10.47	75	21361	4.421	ug/l	92
54) cis-1,3-Dichloropropene	9.94	75	23608	4.303	ug/l	91
55) 1,1,2-Trichloroethane	10.65	97	11619	4.177	ug/l #	87
56) Ethyl methacrylate	10.52	69	17068	4.305	ug/l	98
57) 1,3-Dichloropropane	10.80	76	20419	4.275	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.79	63	43919	27.774	ug/l	99
59) 2-Hexanone	10.83	43	43617	22.177	ug/l	97
60) Dibromochloromethane	10.99	129	13314	4.319	ug/l	90
61) 1,2-Dibromoethane	11.10	107	11402	4.269	ug/l	99
64) Tetrachloroethene	10.72	164	17416	4.235	ug/l	92
65) Chlorobenzene	11.52	112	41383	4.540	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.60	131	13701	4.279	ug/l	95
67) Ethyl Benzene	11.60	91	71364	4.223	ug/l	100
68) m/p-Xylenes	11.70	106	55047	8.521	ug/l	98
69) o-Xylene	12.03	106	26219	4.255	ug/l	98
70) Stvrene	12.05	104	43622	4.197	ug/l	99
71) Bromoform	12.20	173	7262	3.945	ug/l #	93
73) Isopropylbenzene	12.33	105	69041	4.293	ug/l	99
74) N-amyl acetate	12.14	43	18691	4.734	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.58	83	12886	4.268	ug/l	99
76) 1,2,3-Trichloropropane	12.64	75	19616	7.735	ug/l #	100
77) Bromobenzene	12.61	156	15898	4.443	ug/l	95
78) n-propylbenzene	12.67	91	84675	4.385	ug/l	98
79) 2-Chlorotoluene	12.75	91	48256	4.526	ug/l	98
80) 1,3,5-Trimethylbenzene	12.81	105	58115	4.310	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	4849	4.183	ug/l	93
82) 4-Chlorotoluene	12.86	91	49572	4.398	ug/l	99
83) tert-Butylbenzene	13.08	119	50383	4.412	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	57622	4.330	ug/l	96
85) sec-Butylbenzene	13.25	105	70858	4.289	ug/l	99
86) p-Isopropyltoluene	13.37	119	61795	4.291	ug/l	98
87) 1,3-Dichlorobenzene	13.36	146	31095	4.410	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	32284	4.581	ug/l	94
89) n-Butylbenzene	13.70	91	59996	4.216	ug/l	99
90) Hexachloroethane	13.96	117	11669	4.376	ug/l	97
91) 1,2-Dichlorobenzene	13.74	146	29724	4.658	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.36	75	2840	4.959	ug/l	86
93) 1,2,4-Trichlorobenzene	15.00	180	19945	4.490	ug/l	99

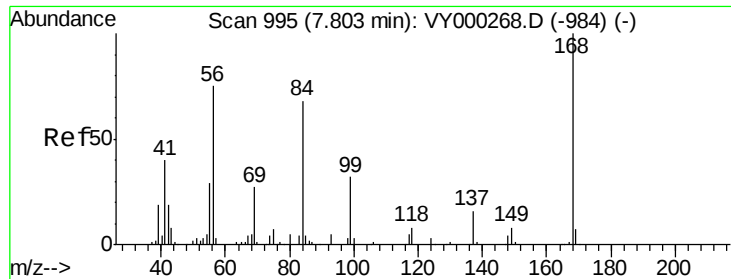
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	15.11	225	10431	4.339	ug/l	97
95) Naphthalene	15.23	128	45884	4.628	ug/l	97
96) 1,2,3-Trichlorobenzene	15.42	180	17754	4.434	ug/l	96

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

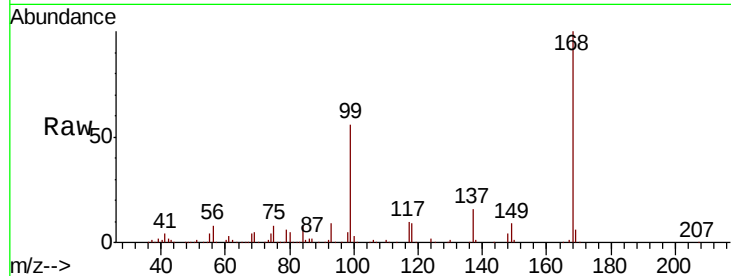


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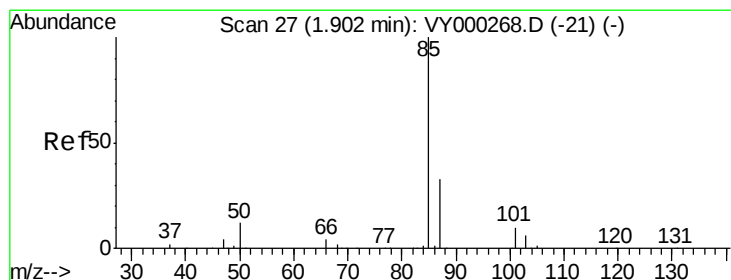
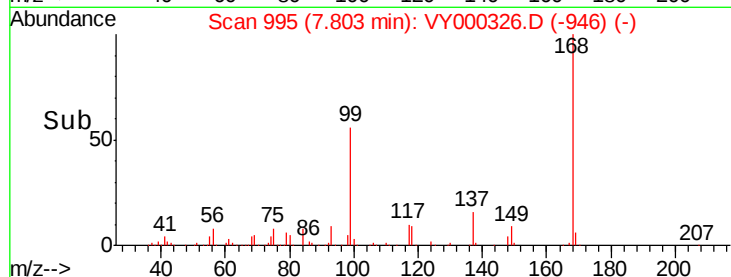
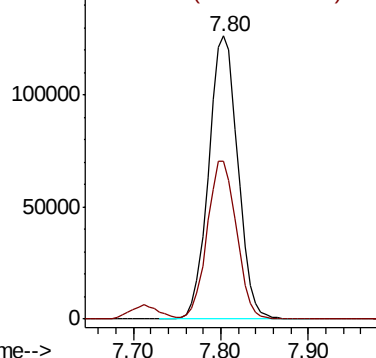
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.80 min Scan# 995
 Delta R.T. 0.00 min
 Lab File: VY000326.D
 Acq: 16 Oct 2019 13:48

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion:168 Resp: 291826
 Ion Ratio Lower Upper
 168 100
 99 55.7 46.6 69.8



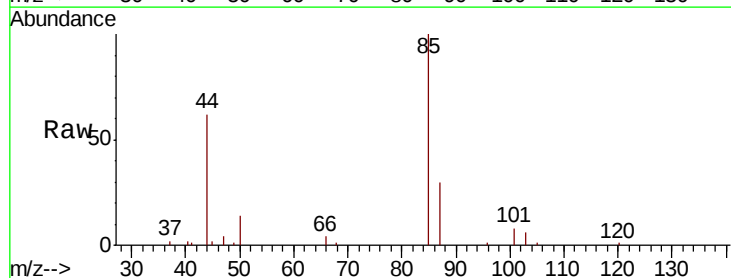
Abundance Ion 167.90 (167.60 to 168.60): VY000326.D (-984) (-)
 Ion 98.90 (98.60 to 99.60): VY000326.D (-984) (-)



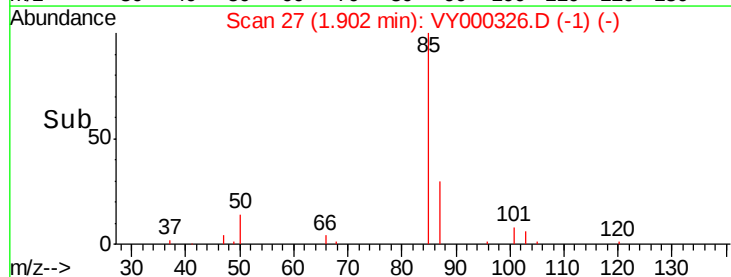
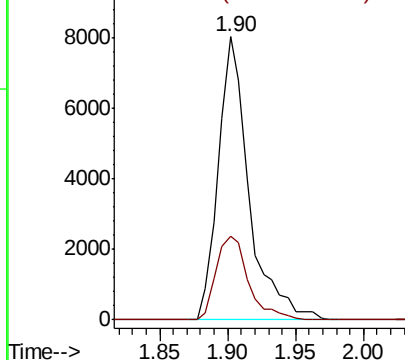
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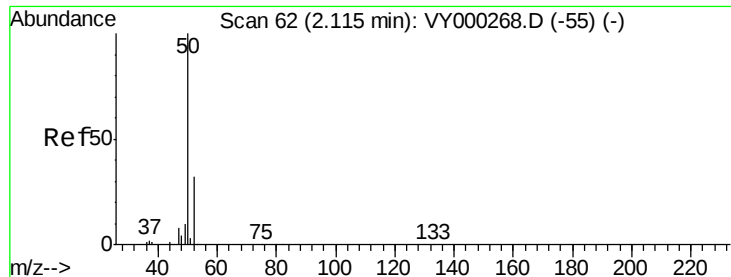
Dichlorodifluoromethane
 Concen: 1.223 ug/l
 RT: 1.90 min Scan# 27
 Delta R.T. 0.00 min
 Lab File: VY000326.D
 Acq: 16 Oct 2019 13:48

Tgt Ion: 85 Resp: 12624
 Ion Ratio Lower Upper
 85 100
 87 29.7 16.6 49.8



Abundance Ion 84.90 (84.60 to 85.60): VY000326.D (-21) (-)
 Ion 86.90 (86.60 to 87.60): VY000326.D (-21) (-)





#3

Chloromethane

Concen: 5.111 ug/l

RT: 2.11 min Scan# 61

Delta R.T. -0.01 min

Lab File: VY000326.D

Acq: 16 Oct 2019 13:48

Instrument :

MSVOA_Y

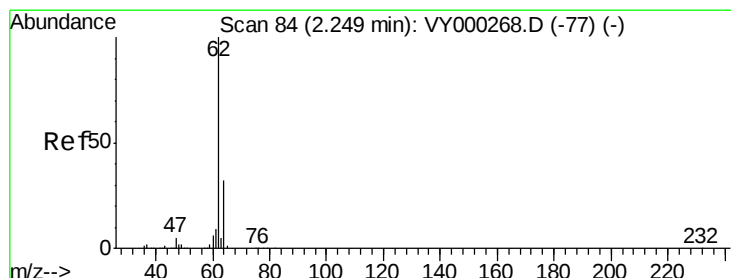
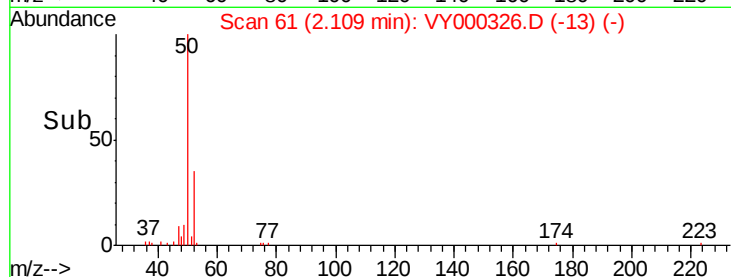
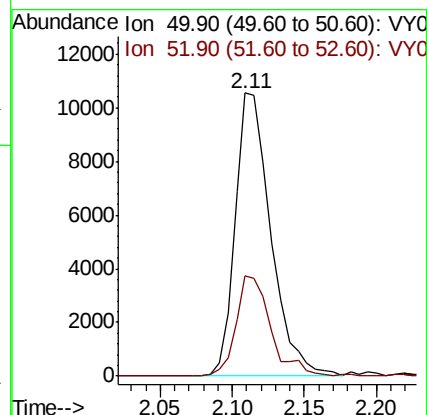
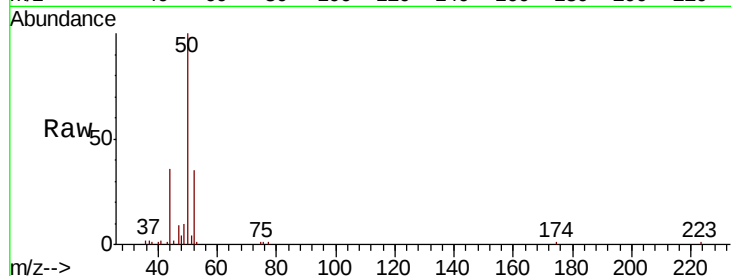
ClientSampleId :

Tot Ion: 50 Resp: 18227

Ion Ratio Lower Upper

50 100

52 35.3 25.3 37.9



#4

Vinyl Chloride

Concen: 4.509 ug/l

RT: 2.25 min Scan# 84

Delta R.T. 0.00 min

Lab File: VY000326.D

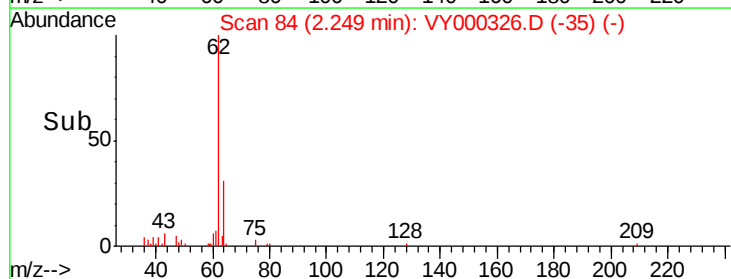
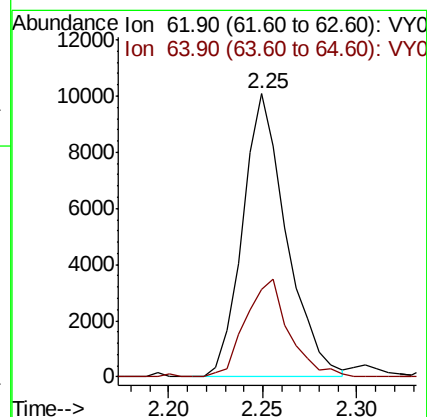
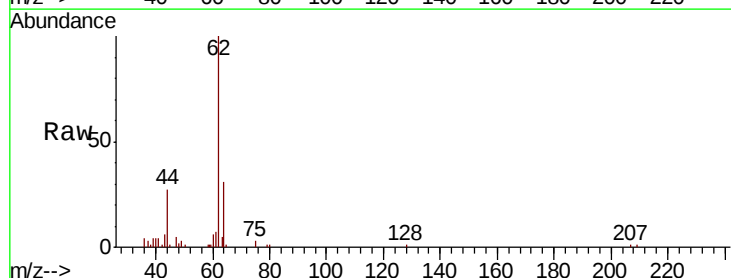
Acq: 16 Oct 2019 13:48

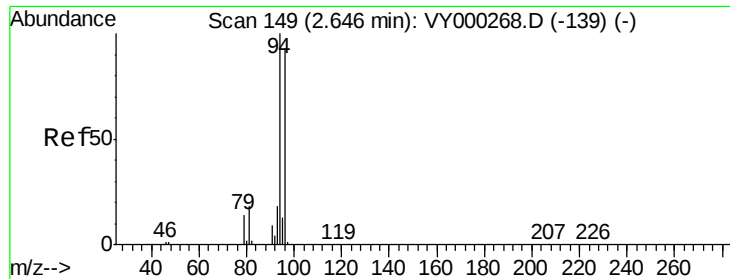
Tgt Ion: 62 Resp: 16228

Ion Ratio Lower Upper

62 100

64 30.9 25.6 38.4





#5

Bromomethane

Concen: 5.012 ug/l

RT: 2.65 min Scan# 149

Delta R.T. 0.00 min

Lab File: VY000326.D

Acq: 16 Oct 2019 13:48

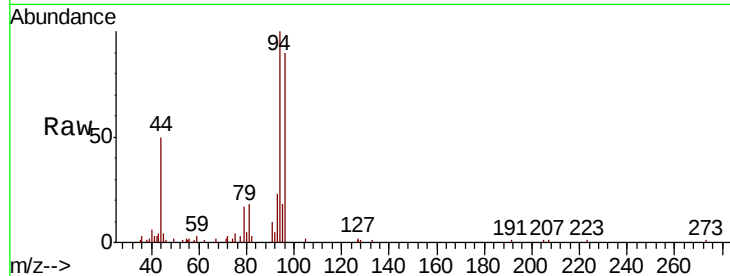
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 94 Resp: 13367

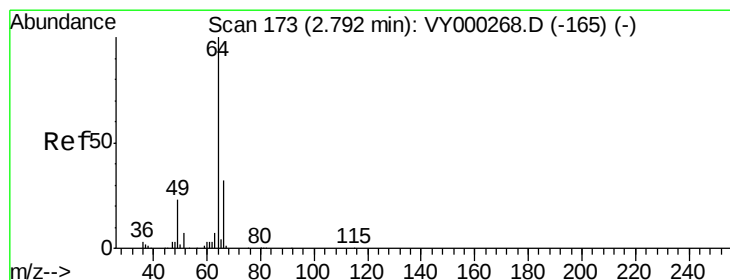
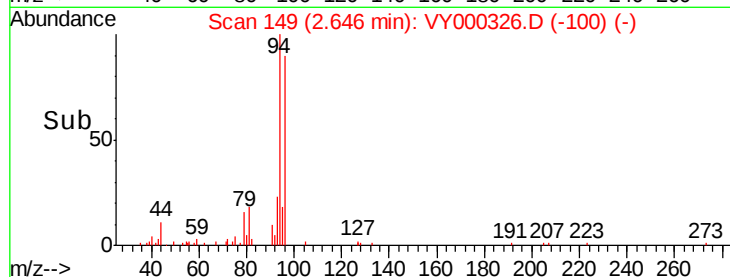
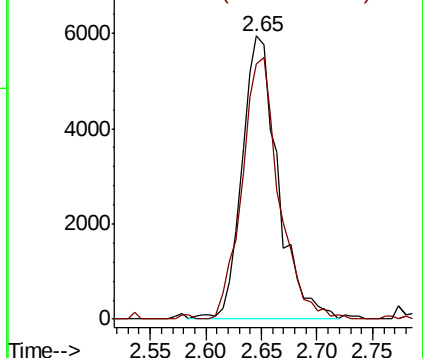
Ion Ratio Lower Upper

94 100

96 88.7 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: 4.680 ug/l

RT: 2.80 min Scan# 174

Delta R.T. 0.01 min

Lab File: VY000326.D

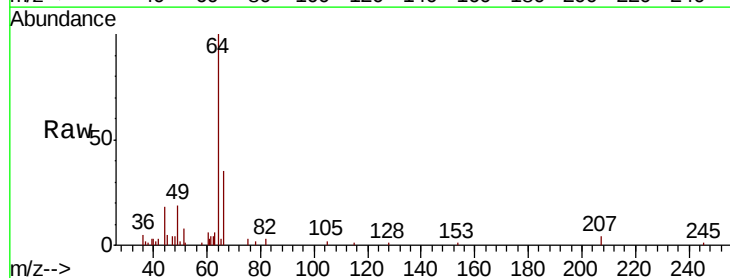
Acq: 16 Oct 2019 13:48

Tgt Ion: 64 Resp: 10867

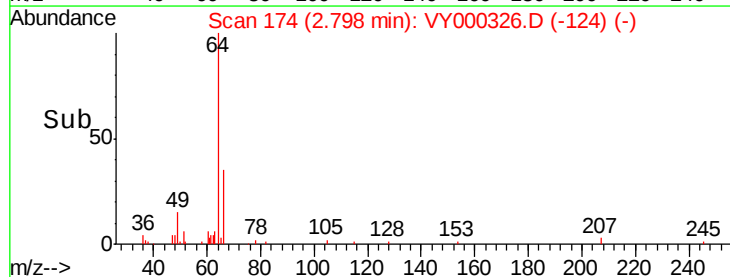
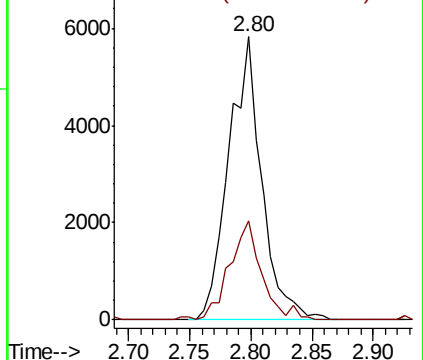
Ion Ratio Lower Upper

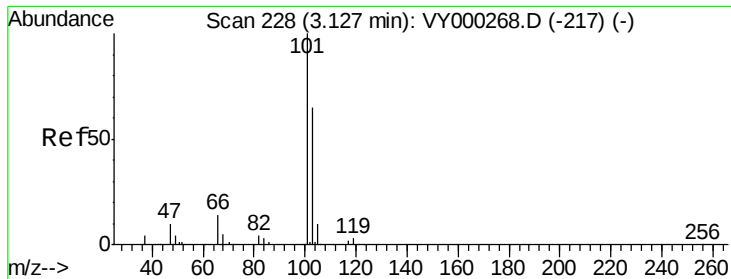
64 100

66 35.1 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VY0
Ion 65.90 (65.60 to 66.60): VY0



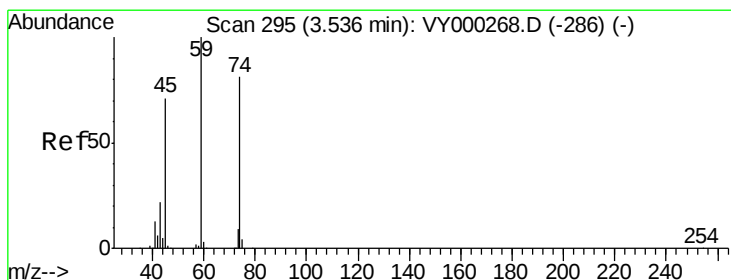
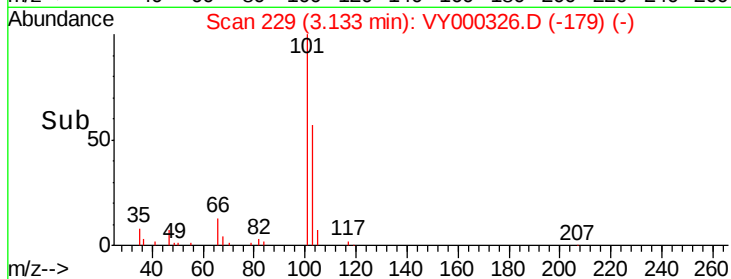
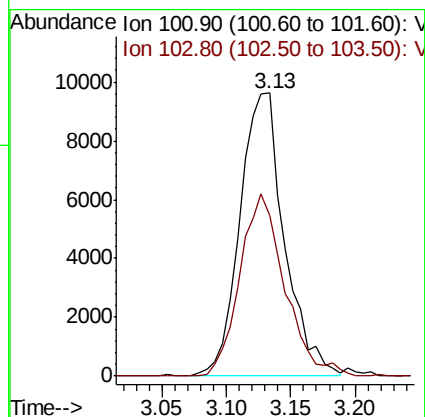
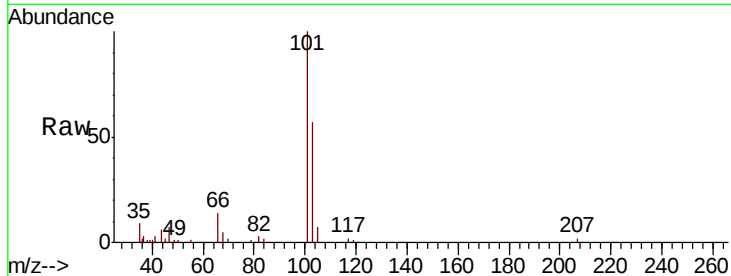


#7

Trichlorofluoromethane
 Concen: 4.681 ug/l
 RT: 3.13 min Scan# 229
 Delta R.T. 0.01 min
 Lab File: VY000326.D
 Acq: 16 Oct 2019 13:48

Instrument :
 MSVOA_Y
 ClientSampleId :

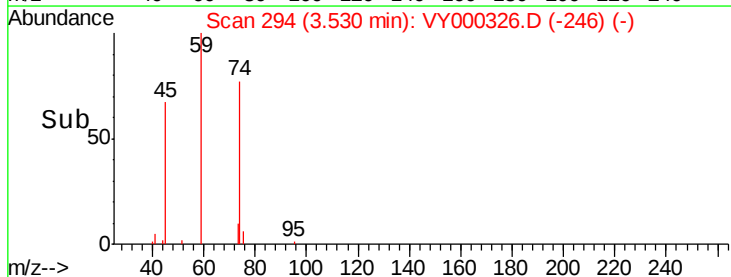
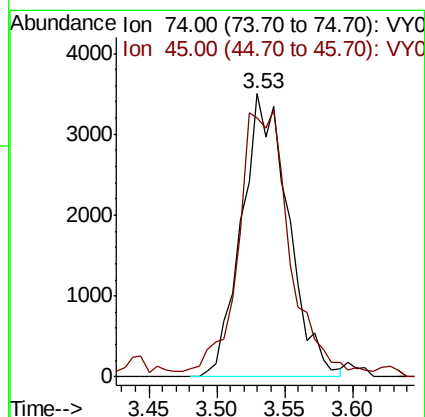
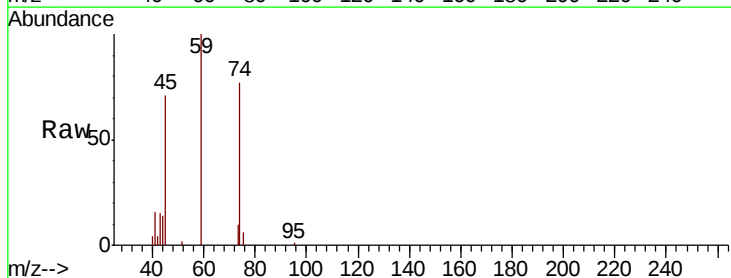
Tot Ion:101 Resp: 23042
 Ion Ratio Lower Upper
 101 100
 103 56.9 52.2 78.4

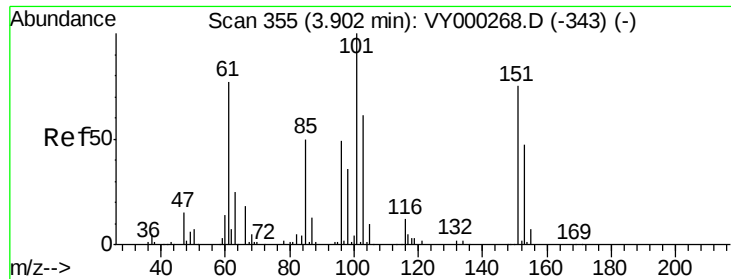


#8

Diethyl Ether
 Concen: 4.839 ug/l
 RT: 3.53 min Scan# 294
 Delta R.T. -0.01 min
 Lab File: VY000326.D
 Acq: 16 Oct 2019 13:48

Tgt Ion: 74 Resp: 8415
 Ion Ratio Lower Upper
 74 100
 45 105.3 47.1 141.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 4.548 ug/l

RT: 3.91 min Scan# 356

Delta R.T. 0.01 min

Lab File: VY000326.D

Acq: 16 Oct 2019 13:48

Instrument :

MSVOA_Y

ClientSampleId :

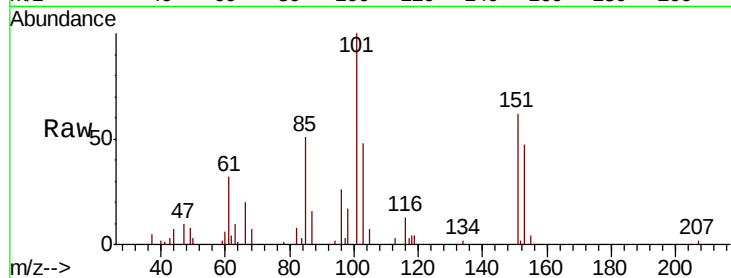
Tot Ion:101 Resp: 13578

Ion Ratio Lower Upper

101 100

85 50.6 36.6 55.0

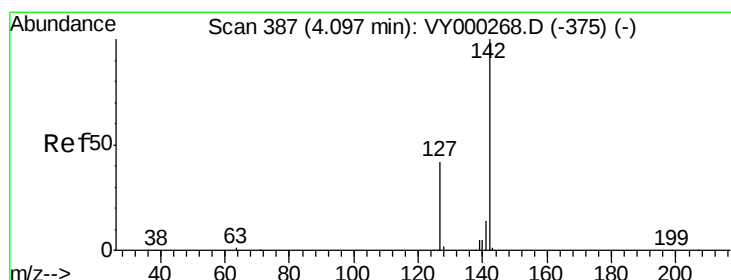
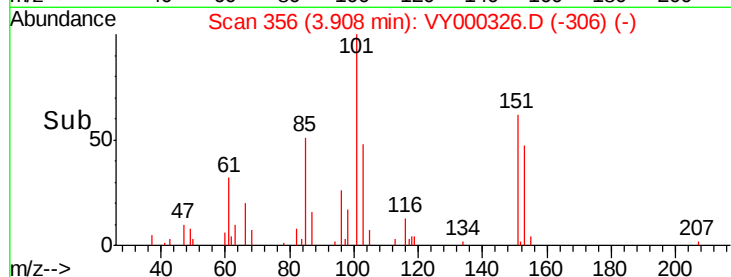
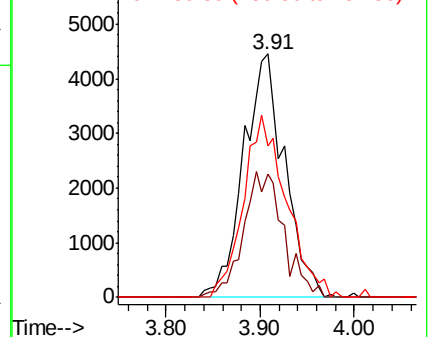
151 78.3 63.1 94.7



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: 4.413 ug/l

RT: 4.09 min Scan# 386

Delta R.T. -0.01 min

Lab File: VY000326.D

Acq: 16 Oct 2019 13:48

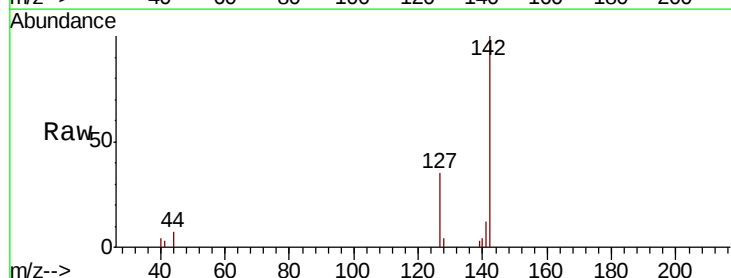
Tgt Ion:142 Resp: 14056

Ion Ratio Lower Upper

142 100

127 40.9 33.9 50.9

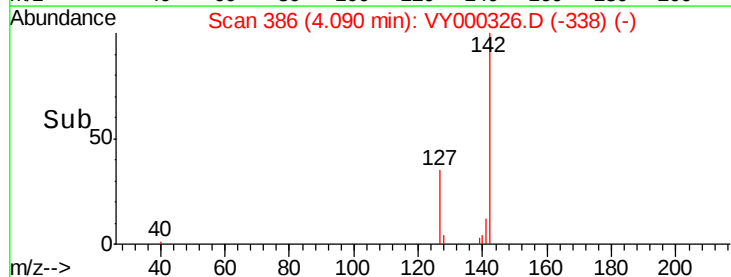
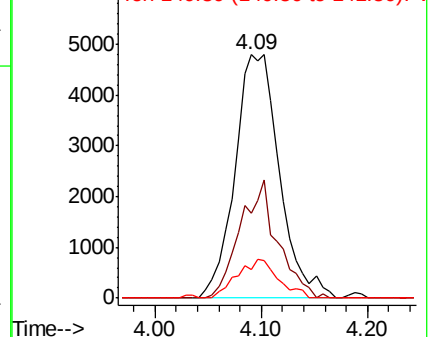
141 14.7 11.2 16.8

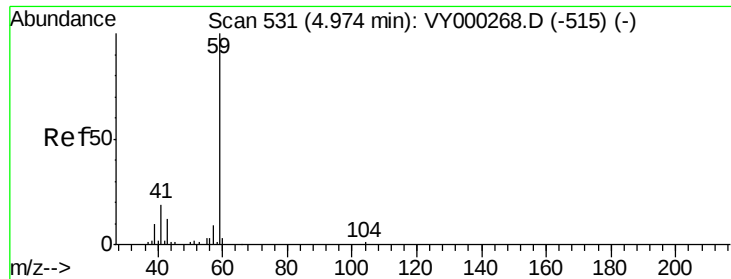


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



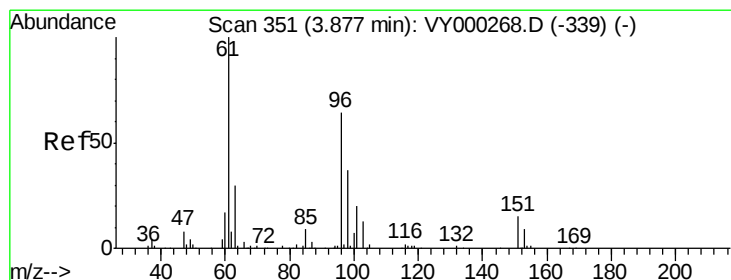
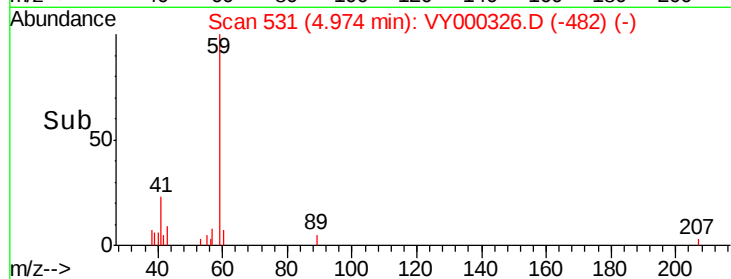
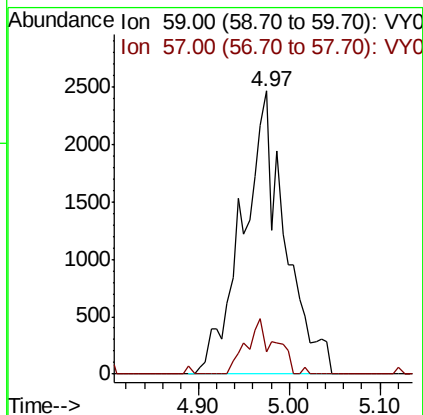
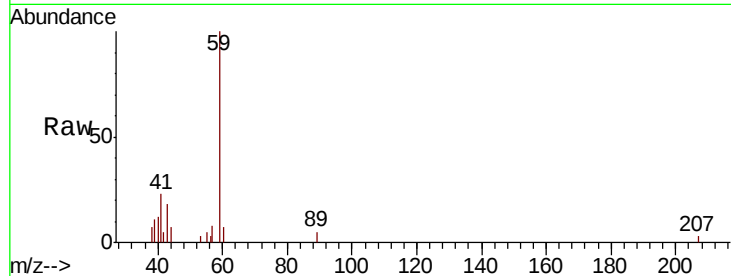


#11

Tert butyl alcohol
 Concen: 24.709 ug/l
 RT: 4.97 min Scan# 531
 Delta R.T. 0.00 min
 Lab File: VY000326.D
 Acq: 16 Oct 2019 13:48

Instrument :
 MSVOA_Y
 ClientSampled :

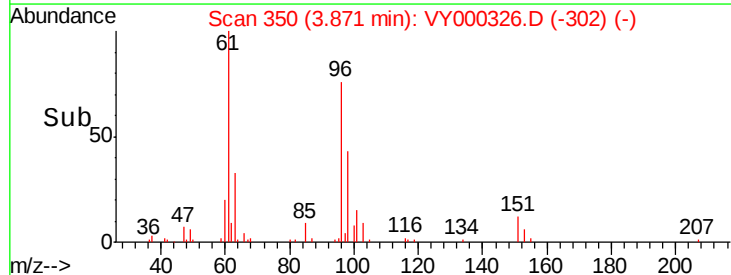
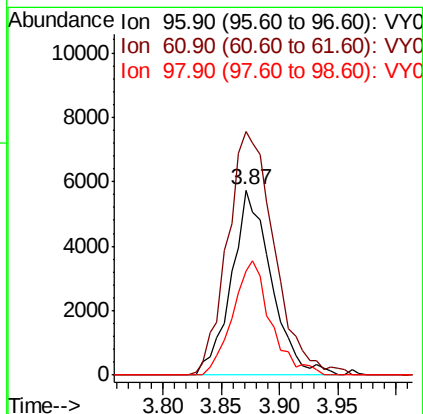
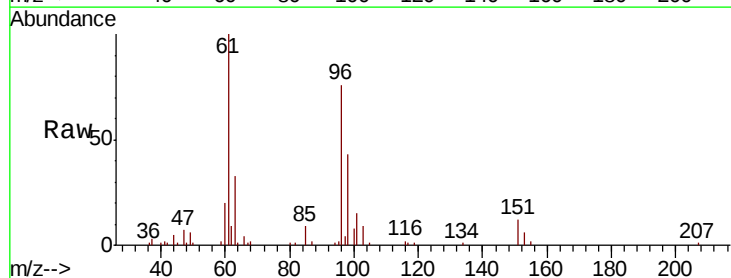
Tot Ion: 59 Resp: 7960
 Ion Ratio Lower Upper
 59 100
 57 11.0 8.2 12.2

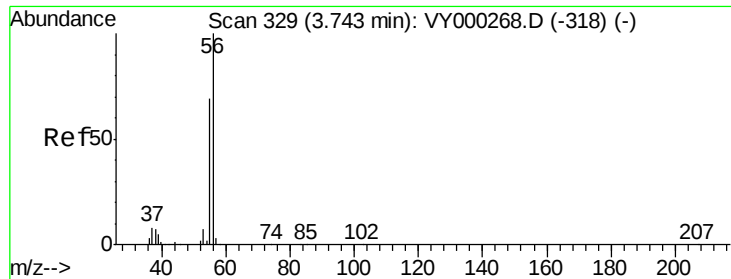


#12

1,1-Dichloroethene
 Concen: 4.640 ug/l
 RT: 3.87 min Scan# 350
 Delta R.T. -0.01 min
 Lab File: VY000326.D
 Acq: 16 Oct 2019 13:48

Tgt Ion: 96 Resp: 13676
 Ion Ratio Lower Upper
 96 100
 61 131.7 125.8 188.6
 98 56.0 46.2 69.2





#13

Acrolein

Concen: 18.719 ug/l

RT: 3.73 min Scan# 327

Delta R.T. -0.01 min

Lab File: VY000326.D

Acq: 16 Oct 2019 13:48

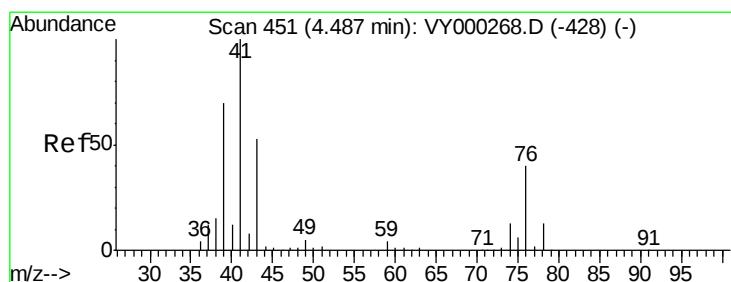
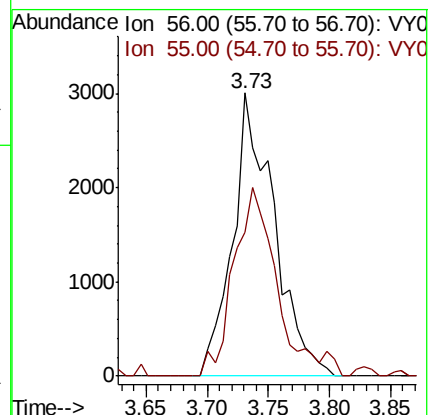
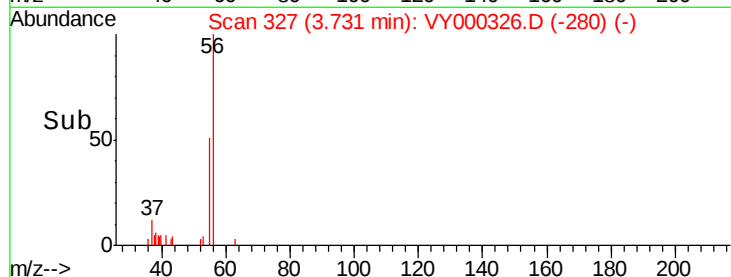
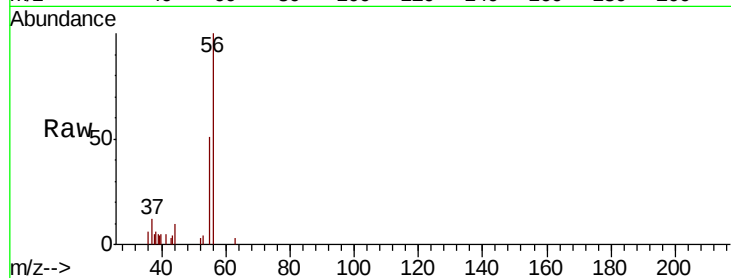
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 56 Resp: 7070

Ion Ratio Lower Upper

56 100

55 69.8 55.7 83.5



#14

Allyl chloride

Concen: 4.196 ug/l

RT: 4.48 min Scan# 450

Delta R.T. -0.01 min

Lab File: VY000326.D

Acq: 16 Oct 2019 13:48

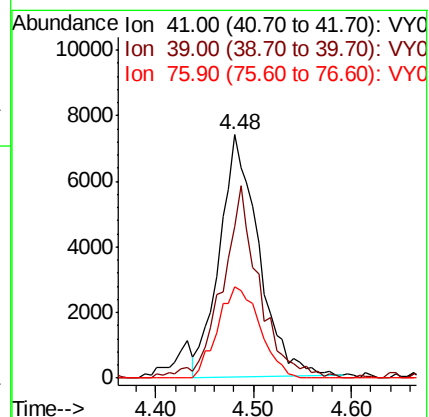
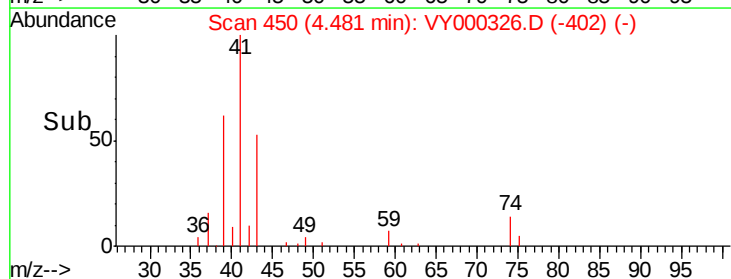
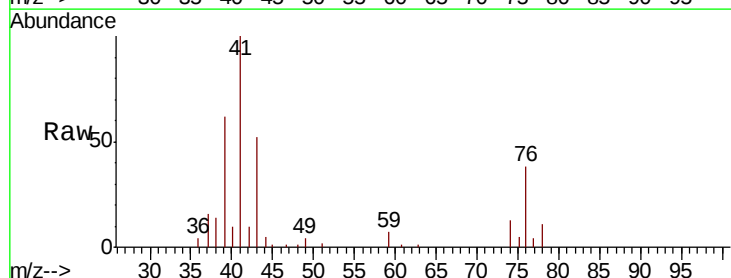
Tgt Ion: 41 Resp: 20495

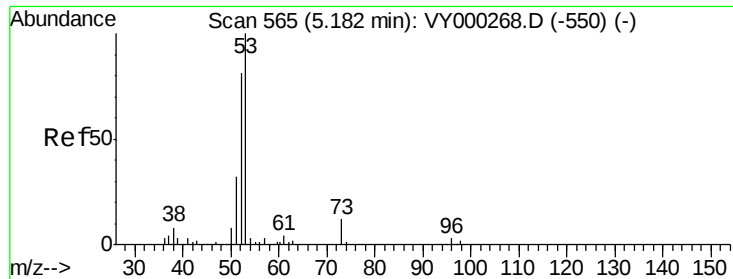
Ion Ratio Lower Upper

41 100

39 75.2 54.0 81.0

76 40.6 30.7 46.1





#15

Acrylonitrile

Concen: 22.256 ug/l

RT: 5.17 min Scan# 563

Delta R.T. -0.01 min

Lab File: VY000326.D

Acq: 16 Oct 2019 13:48

Instrument :

MSVOA_Y

ClientSampleId :

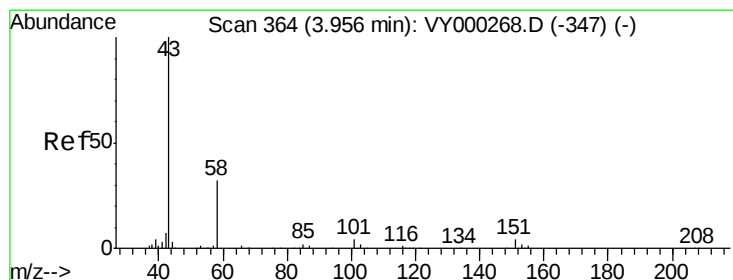
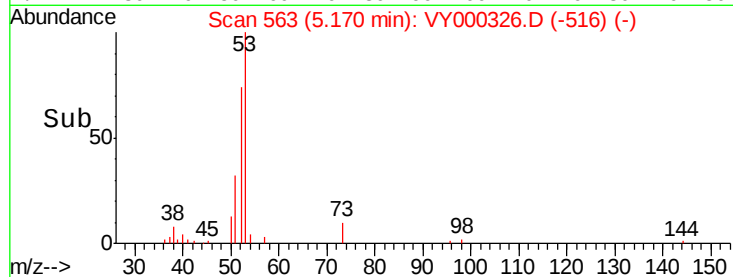
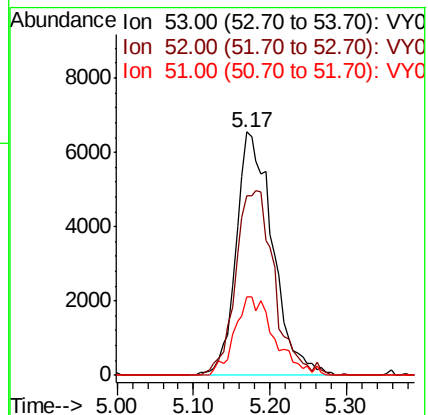
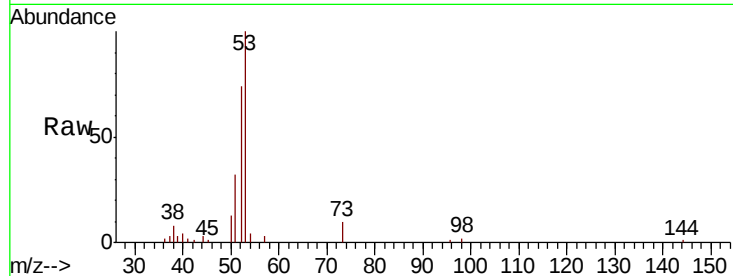
Tot Ion: 53 Resp: 21664

Ion Ratio Lower Upper

53 100

52 79.5 62.9 94.3

51 35.3 26.9 40.3



#16

Acetone

Concen: 19.322 ug/l

RT: 3.95 min Scan# 363

Delta R.T. -0.01 min

Lab File: VY000326.D

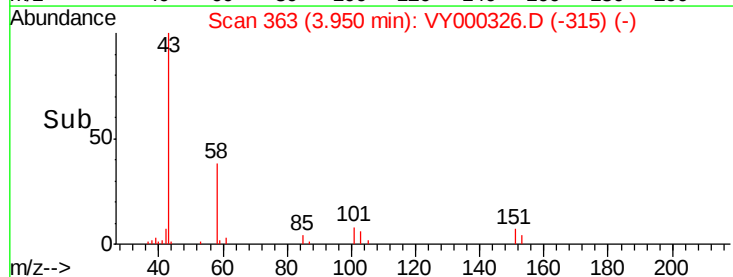
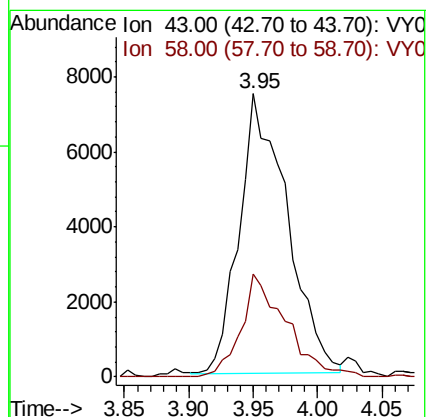
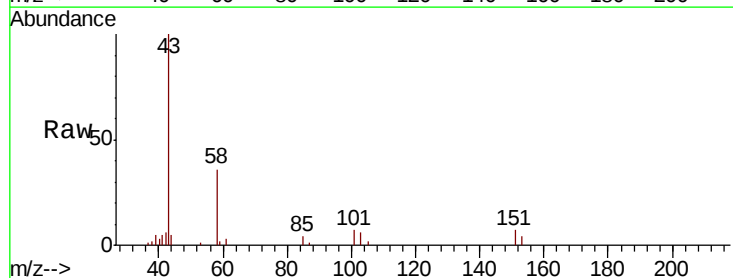
Acq: 16 Oct 2019 13:48

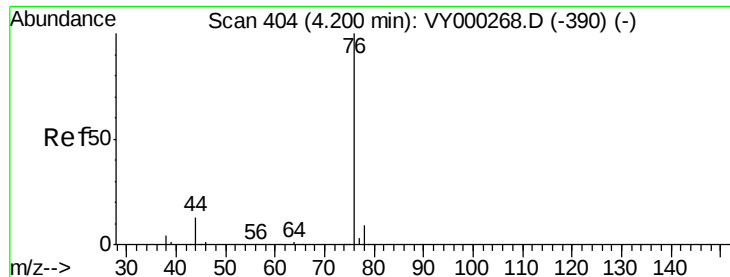
Tgt Ion: 43 Resp: 19262

Ion Ratio Lower Upper

43 100

58 37.1 25.8 38.6

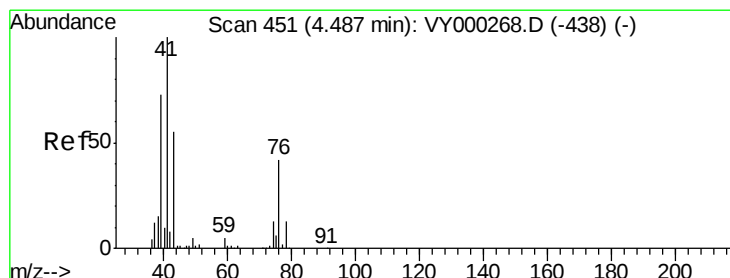
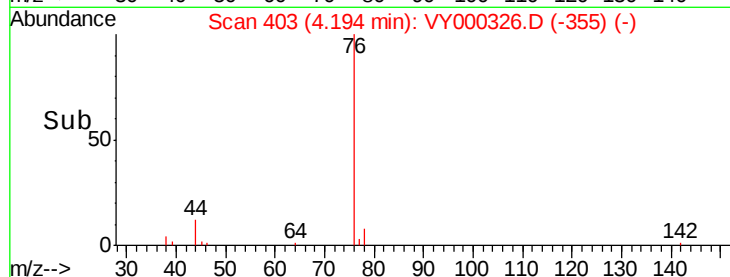
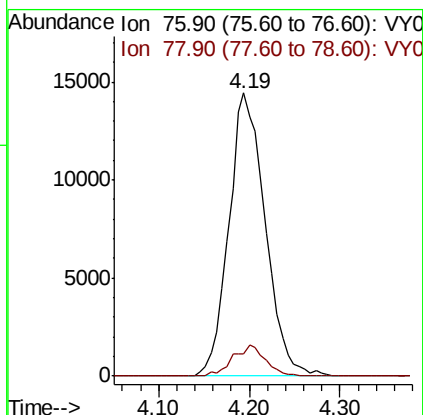
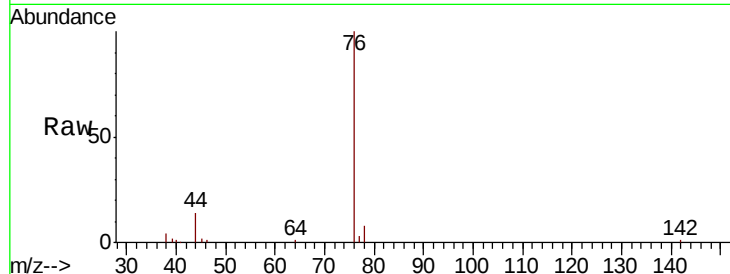




#17
Carbon Disulfide
Concen: 4.319 ug/l
RT: 4.19 min Scan# 403
Delta R.T. -0.01 min
Lab File: VY000326.D
Acq: 16 Oct 2019 13:48

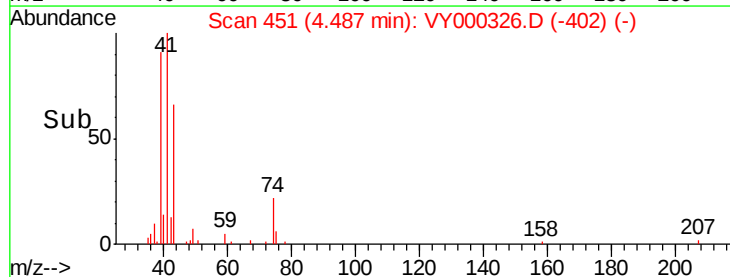
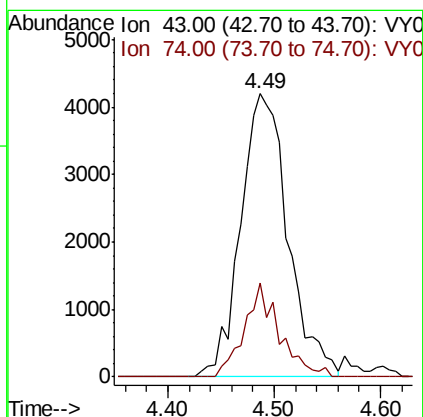
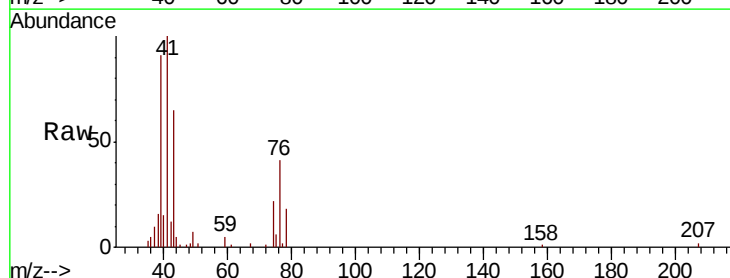
Instrument :
MSVOA_Y
ClientSampleId :

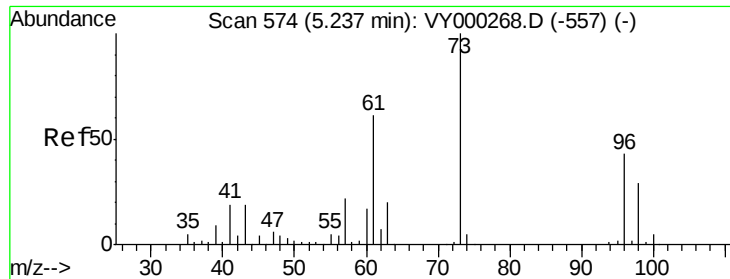
Tot Ion: 76 Resp: 40083
Ion Ratio Lower Upper
76 100
78 8.1 7.0 10.4



#18
Methyl Acetate
Concen: 5.271 ug/l
RT: 4.49 min Scan# 451
Delta R.T. 0.00 min
Lab File: VY000326.D
Acq: 16 Oct 2019 13:48

Tgt Ion: 43 Resp: 13056
Ion Ratio Lower Upper
43 100
74 24.6 20.4 30.6

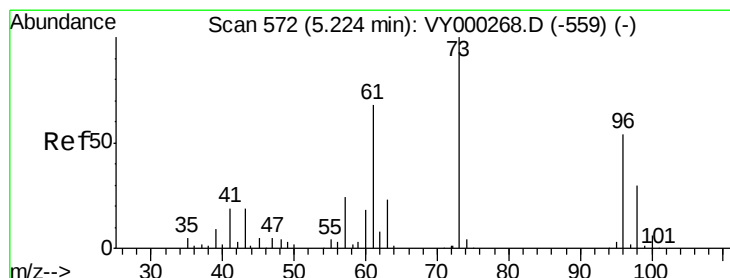
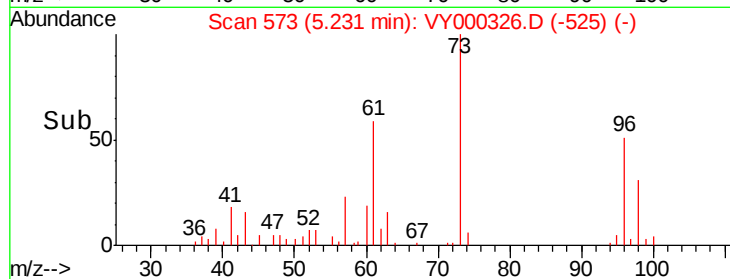
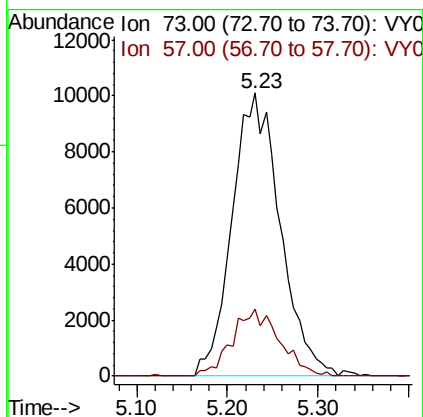
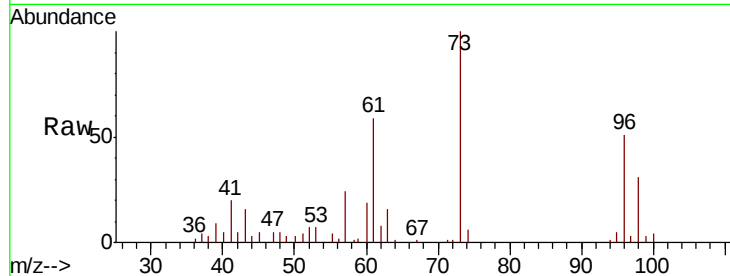




#19
Methvl tert-butvl Ether
Concen: 4.529 ug/l
RT: 5.23 min Scan# 573
Delta R.T. -0.01 min
Lab File: VY000326.D
Acq: 16 Oct 2019 13:48

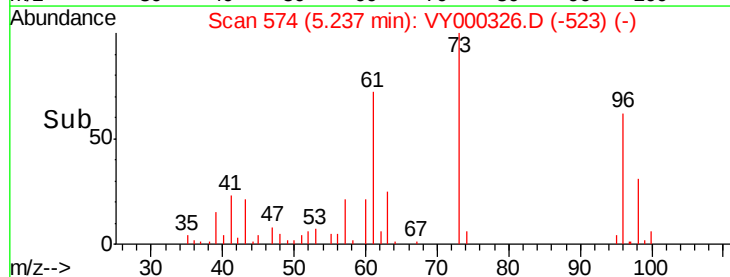
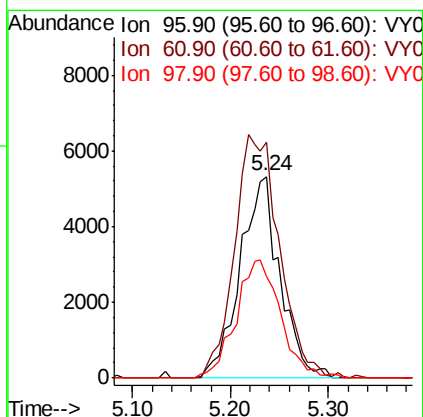
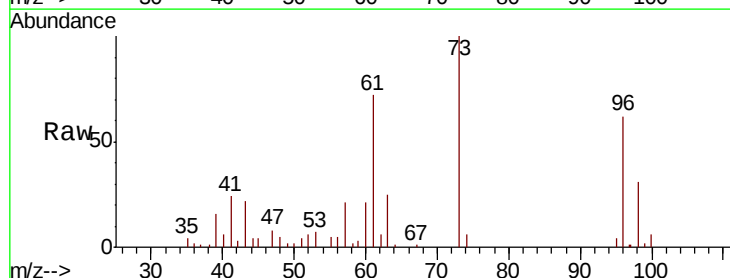
Instrument :
MSVOA_Y
ClientSampled :

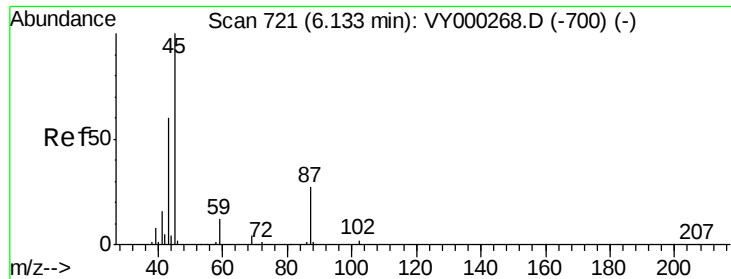
Tot Ion: 73 Resp: 37161
Ion Ratio Lower Upper
73 100
57 23.9 17.4 26.0



#21
trans-1,2-Dichloroethene
Concen: 4.479 ug/l
RT: 5.24 min Scan# 574
Delta R.T. 0.01 min
Lab File: VY000326.D
Acq: 16 Oct 2019 13:48

Tgt Ion: 96 Resp: 15146
Ion Ratio Lower Upper
96 100
61 117.0 100.4 150.6
98 50.4 44.6 66.8

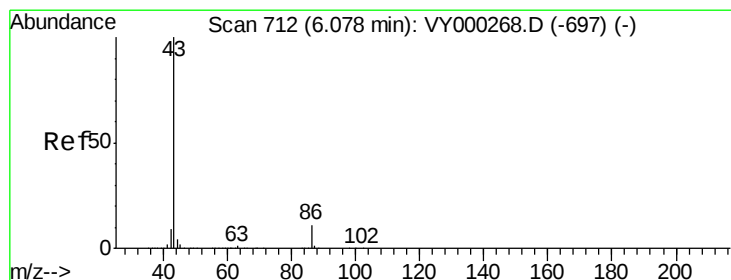
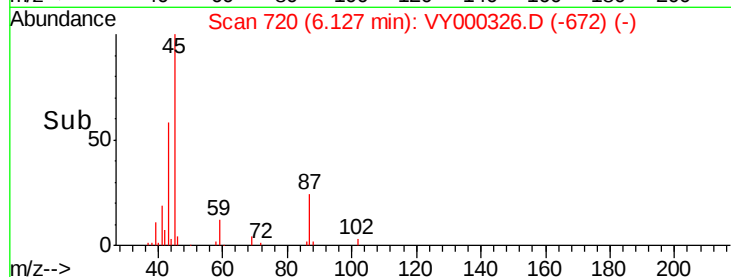
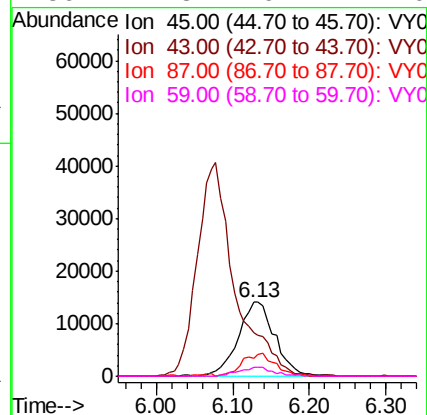
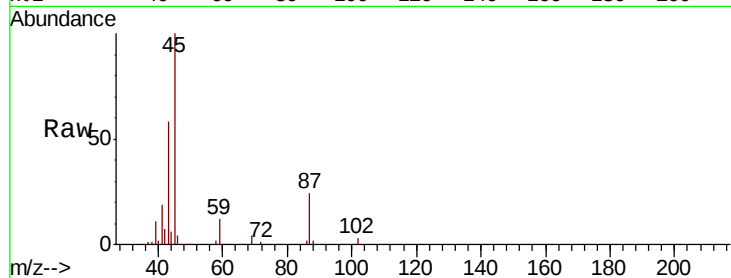




#22
Diisopropyl ether
Concen: 4.554 ug/l
RT: 6.13 min Scan# 720
Delta R.T. -0.01 min
Lab File: VY000326.D
Acq: 16 Oct 2019 13:48

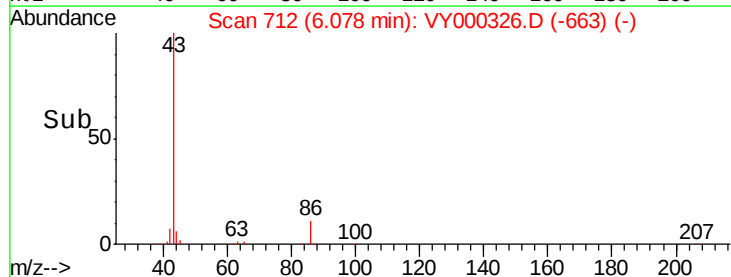
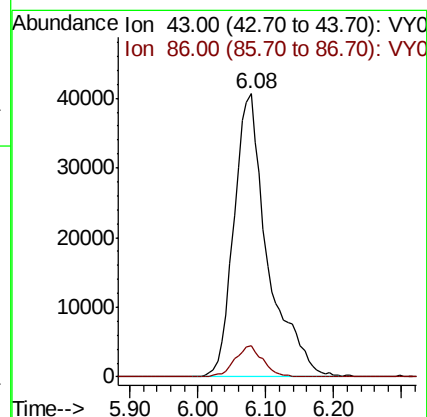
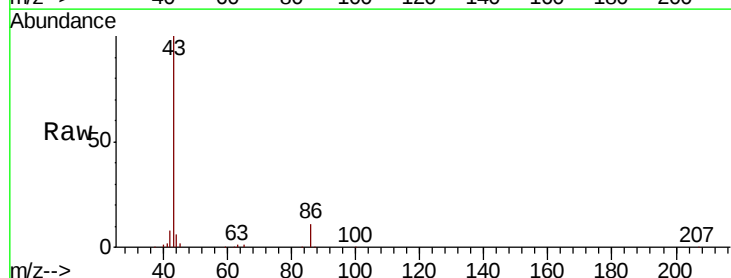
Instrument :
MSVOA_Y
ClientSampleId :

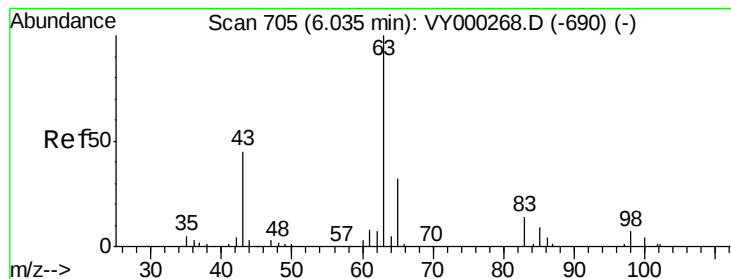
Tot Ion:	45	Resp:	47042
Ion	Ratio	Lower	Upper
45	100		
43	58.4	48.5	72.7
87	24.3	21.5	32.3
59	12.3	9.4	14.0



#23
Vinyl Acetate
Concen: 20.768 ug/l
RT: 6.08 min Scan# 712
Delta R.T. 0.00 min
Lab File: VY000326.D
Acq: 16 Oct 2019 13:48

Tgt Ion:	43	Resp:	139965
Ion	Ratio	Lower	Upper
43	100		
86	11.0	8.6	13.0





#24

1,1-Dichloroethane

Concen: 4.546 ug/l

RT: 6.03 min Scan# 704

Delta R.T. -0.01 min

Lab File: VY000326.D

Acq: 16 Oct 2019 13:48

Instrument :

MSVOA_Y

ClientSampleId :

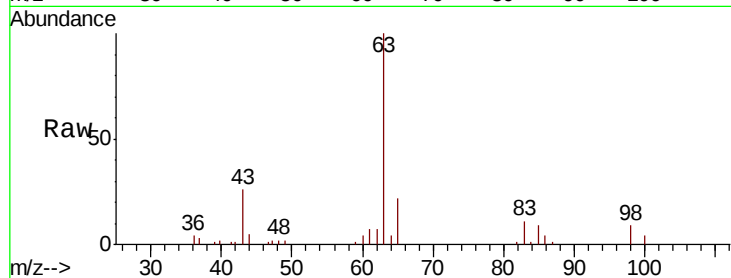
Tot Ion: 63 Resp: 25633

Ion Ratio Lower Upper

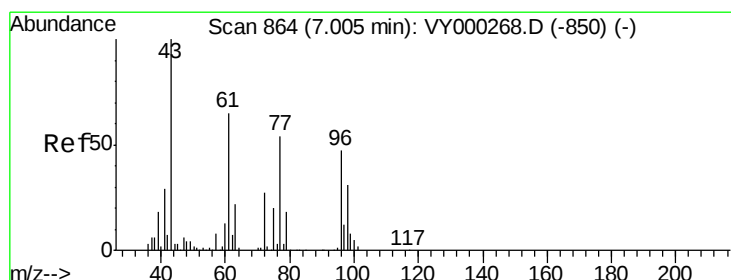
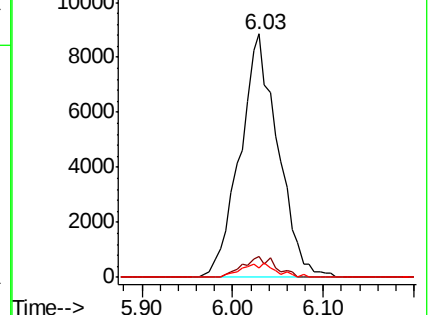
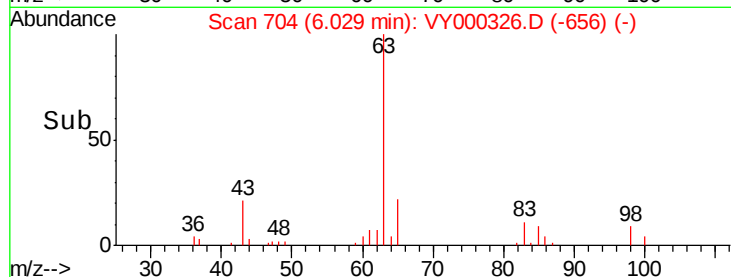
63 100

98 8.6 3.5 10.4

100 3.6 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: 21.967 ug/l

RT: 7.00 min Scan# 864

Delta R.T. 0.00 min

Lab File: VY000326.D

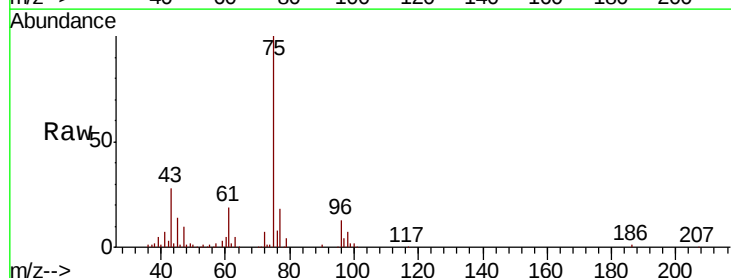
Acq: 16 Oct 2019 13:48

Tgt Ion: 43 Resp: 30848

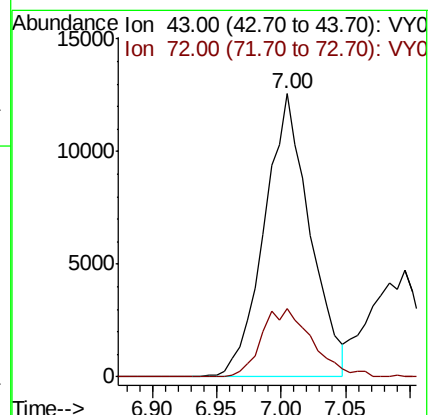
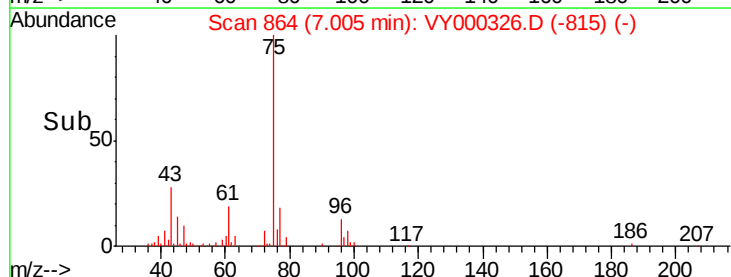
Ion Ratio Lower Upper

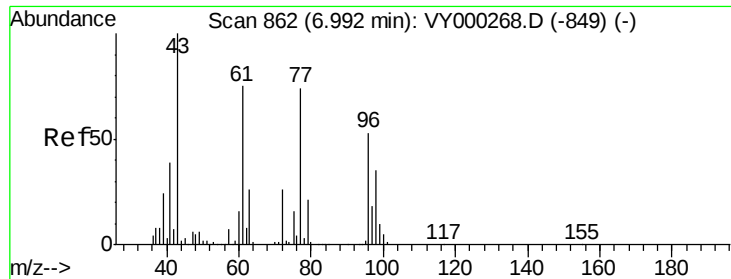
43 100

72 24.1 21.4 32.2



Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 72.00 (71.70 to 72.70): VY0





#26

2,2-Dichloropropane

Concen: 5.141 ug/l

RT: 6.99 min Scan# 862

Delta R.T. 0.00 min

Lab File: VY000326.D

Acq: 16 Oct 2019 13:48

Instrument :

MSVOA_Y

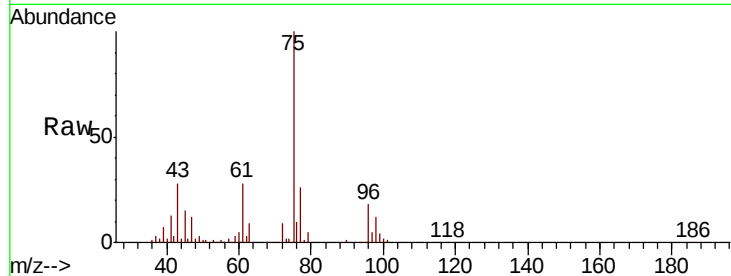
ClientSampleId :

Tot Ion: 77 Resp: 26713

Ion Ratio Lower Upper

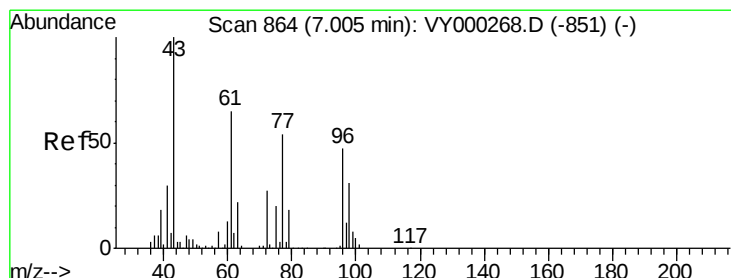
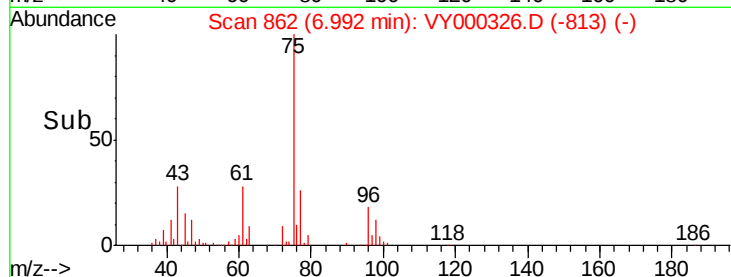
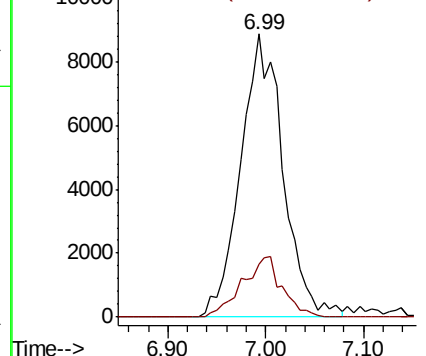
77 100

97 20.0 11.6 34.7



Abundance Ion 76.90 (76.60 to 77.60): VY0

Ion 96.90 (96.60 to 97.60): VY0



#27

cis-1,2-Dichloroethene

Concen: 4.462 ug/l

RT: 7.00 min Scan# 863

Delta R.T. -0.01 min

Lab File: VY000326.D

Acq: 16 Oct 2019 13:48

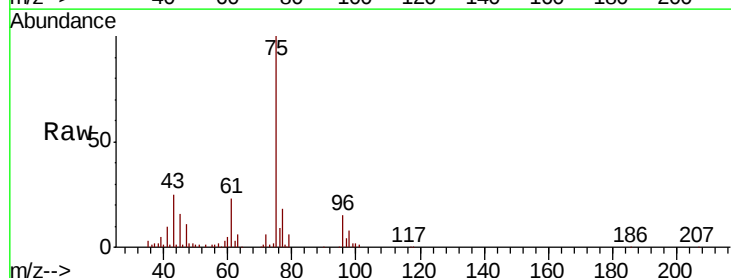
Tgt Ion: 96 Resp: 16328

Ion Ratio Lower Upper

96 100

61 165.5 0.0 289.8

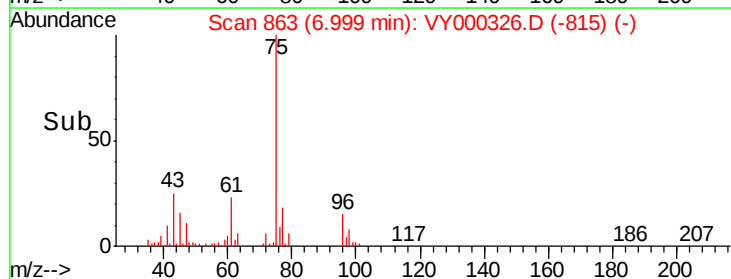
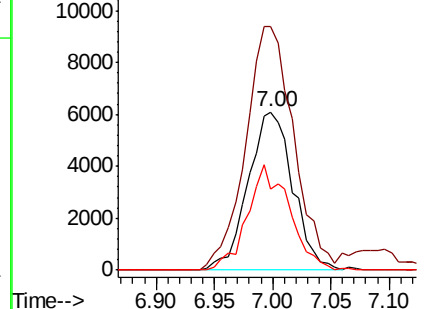
98 62.5 0.0 131.8

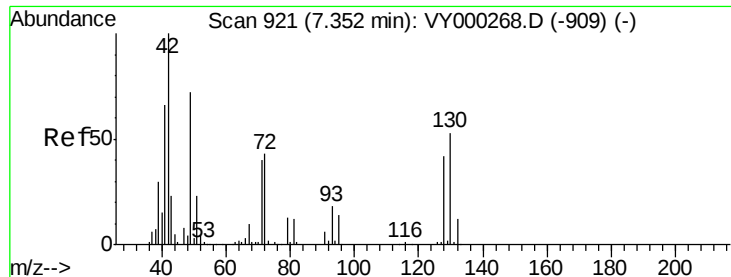


Abundance Ion 95.90 (95.60 to 96.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

Ion 97.90 (97.60 to 98.60): VY0





#28

Bromochloromethane

Concen: 4.619 ug/l

RT: 7.34 min Scan# 919

Delta R.T. -0.01 min

Lab File: VY000326.D

Acq: 16 Oct 2019 13:48

Instrument :

MSVOA_Y

ClientSampleId :

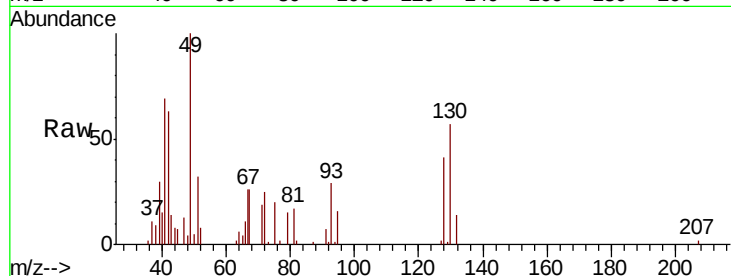
Tot Ion: 49 Resp: 11182

Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.0

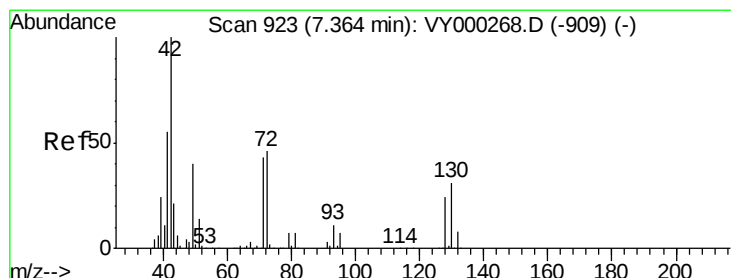
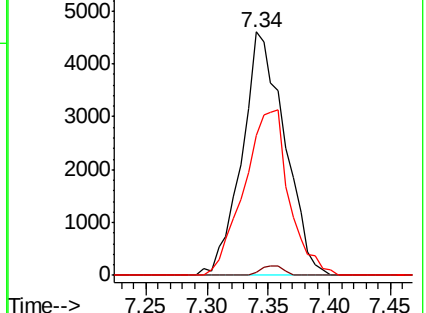
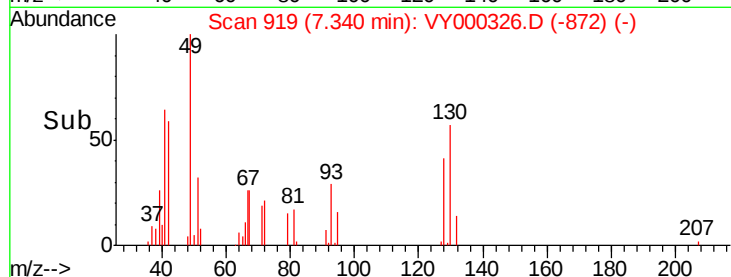
130 71.7 58.2 87.2



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: 21.907 ug/l

RT: 7.36 min Scan# 922

Delta R.T. -0.01 min

Lab File: VY000326.D

Acq: 16 Oct 2019 13:48

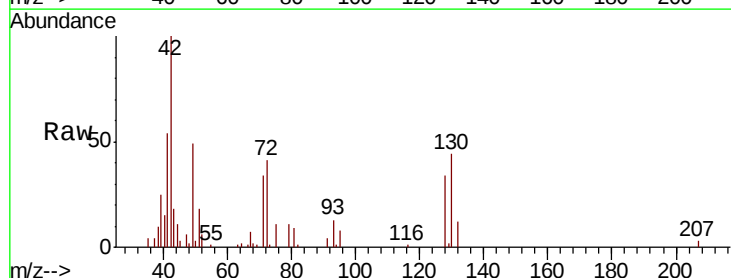
Tgt Ion: 42 Resp: 18644

Ion Ratio Lower Upper

42 100

72 43.9 34.5 51.7

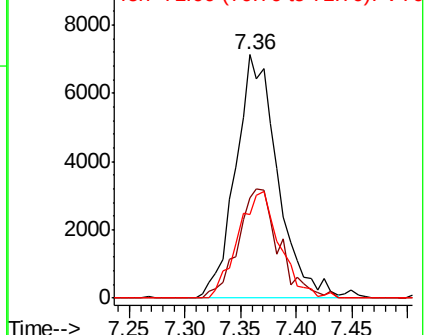
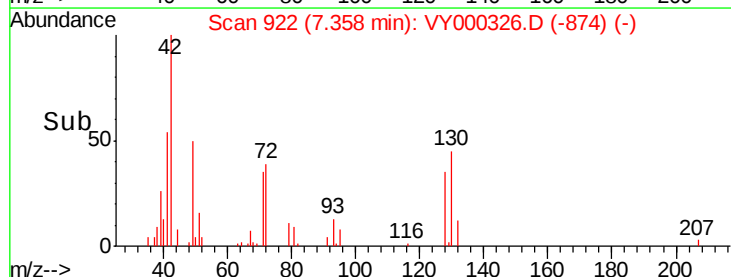
71 43.6 32.7 49.1

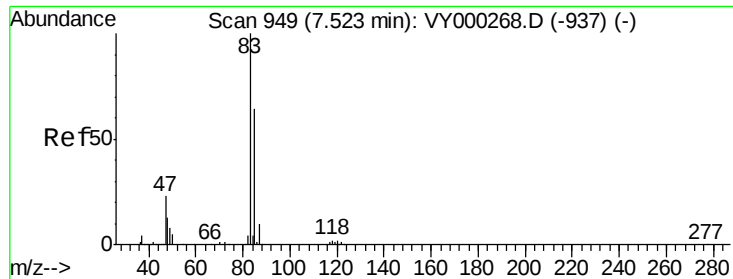


Abundance Ion 42.00 (41.70 to 42.70): VY0

Ion 72.00 (71.70 to 72.70): VY0

Ion 71.00 (70.70 to 71.70): VY0

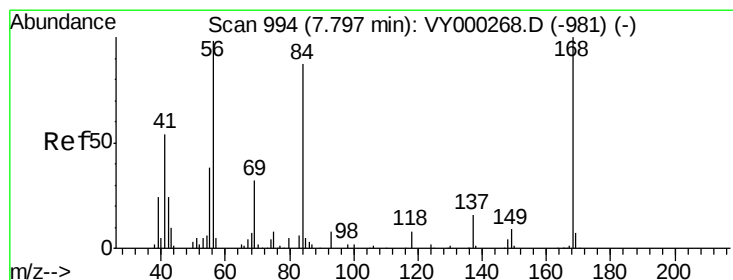
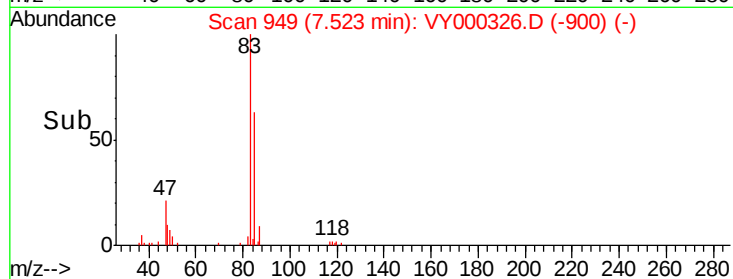
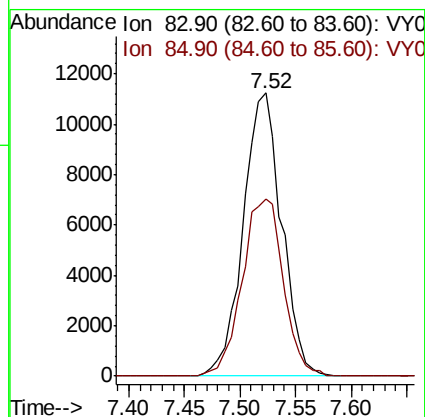
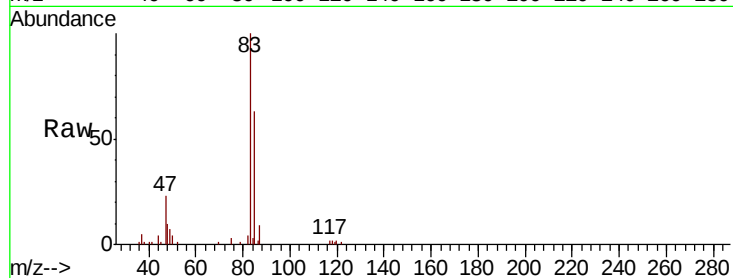




#30
Chloroform
Concen: 4.749 ug/l
RT: 7.52 min Scan# 949
Delta R.T. 0.00 min
Lab File: VY000326.D
Acq: 16 Oct 2019 13:48

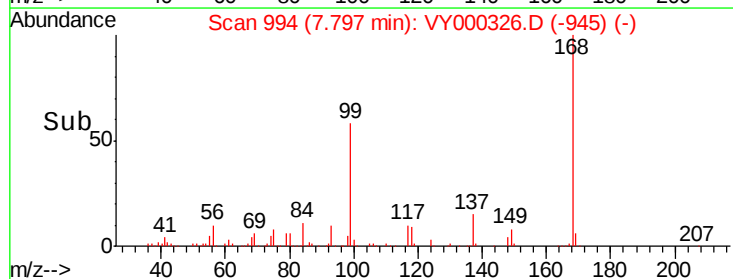
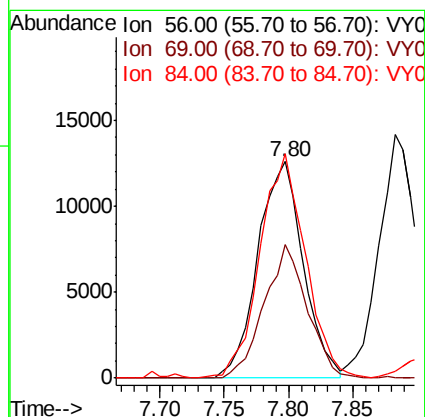
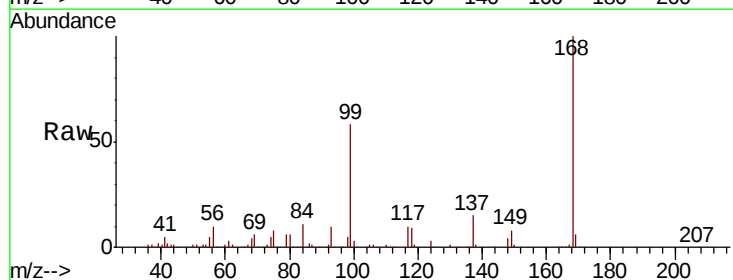
Instrument :
MSVOA_Y
ClientSampleId :

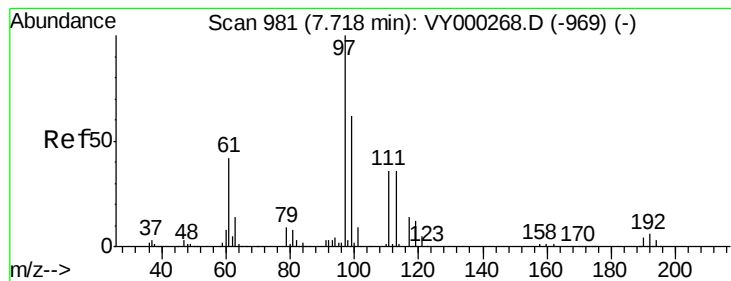
Tot Ion: 83 Resp: 26970
Ion Ratio Lower Upper
83 100
85 62.5 51.4 77.2



#31
Cyclohexane
Concen: 5.224 ug/l
RT: 7.80 min Scan# 994
Delta R.T. 0.00 min
Lab File: VY000326.D
Acq: 16 Oct 2019 13:48

Tgt Ion: 56 Resp: 30764
Ion Ratio Lower Upper
56 100
69 61.9 26.3 39.5#
84 103.9 70.8 106.2





#32

1,1,1-Trichloroethane

Concen: 4.695 ug/l

RT: 7.72 min Scan# 981

Delta R.T. 0.00 min

Lab File: VY000326.D

Acq: 16 Oct 2019 13:48

Instrument :

MSVOA_Y

ClientSampleId :

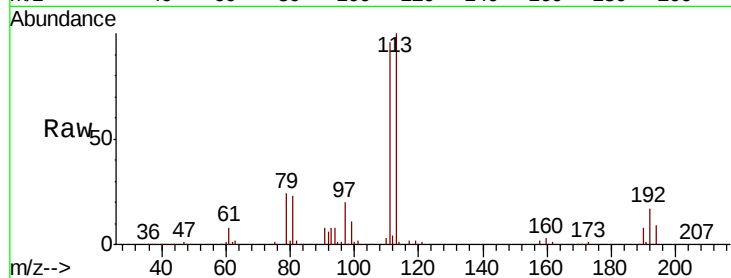
Tot Ion: 97 Resp: 23705

Ion Ratio Lower Upper

97 100

99 62.9 51.7 77.5

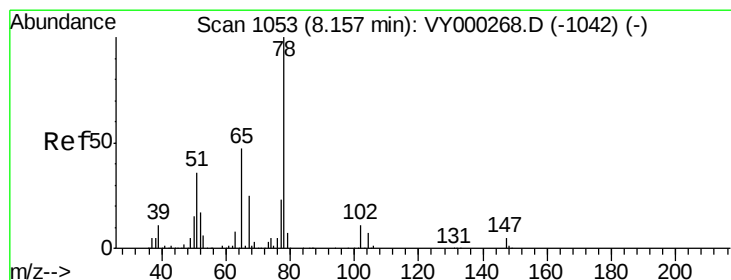
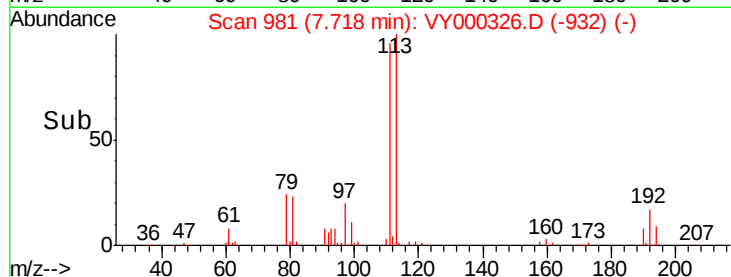
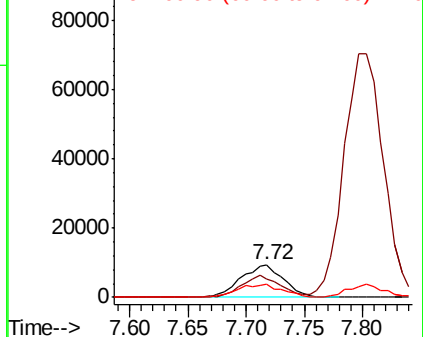
61 41.8 34.5 51.7



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: 55.026 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.01 min

Lab File: VY000326.D

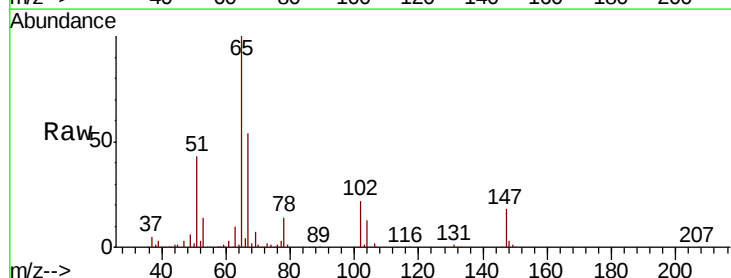
Acq: 16 Oct 2019 13:48

Tgt Ion: 65 Resp: 169387

Ion Ratio Lower Upper

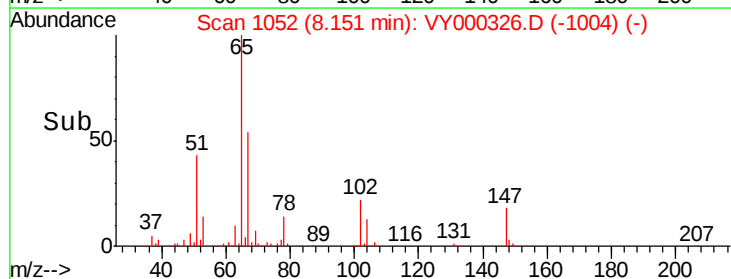
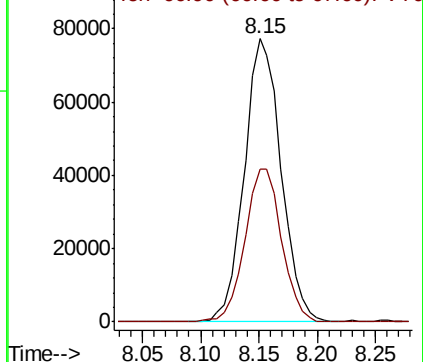
65 100

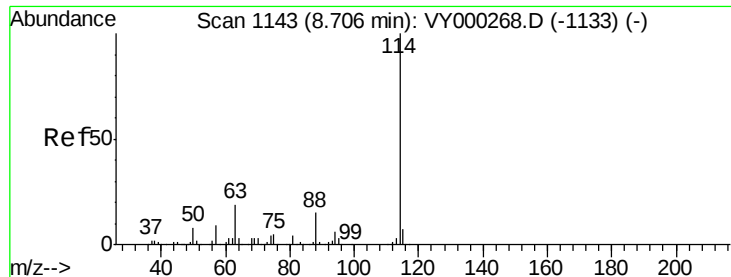
67 54.2 0.0 109.4



Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0

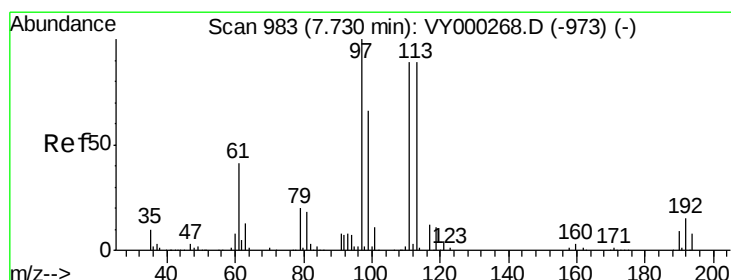
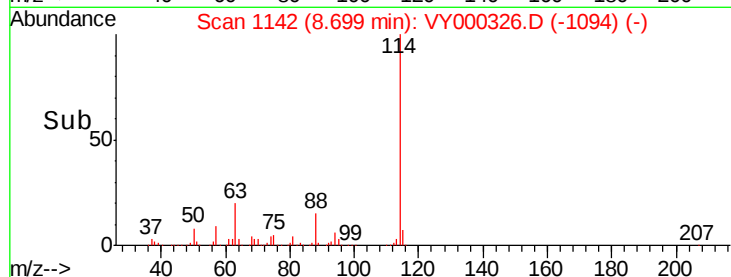
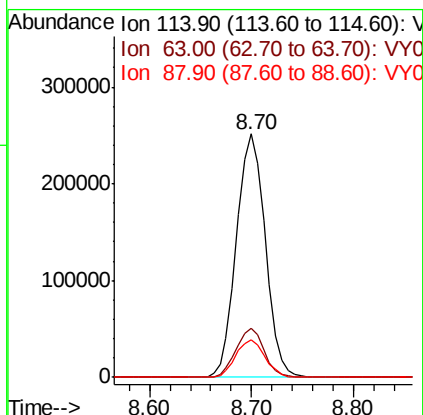
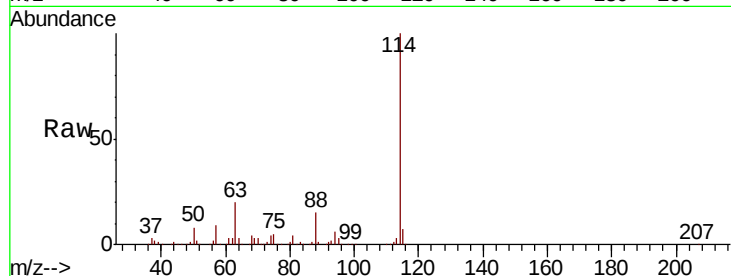




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.01 min
 Lab File: VY000326.D
 Acq: 16 Oct 2019 13:48

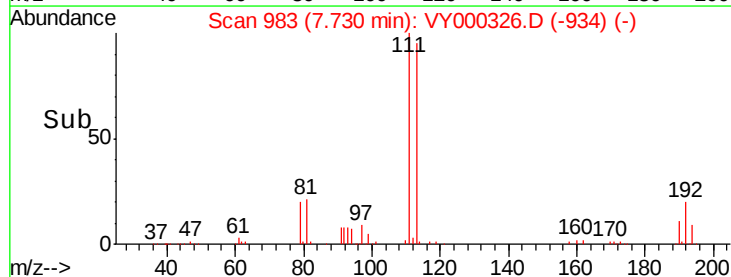
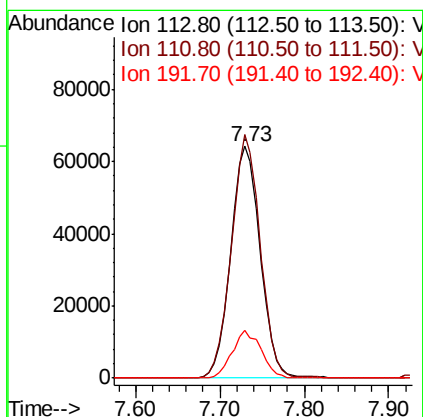
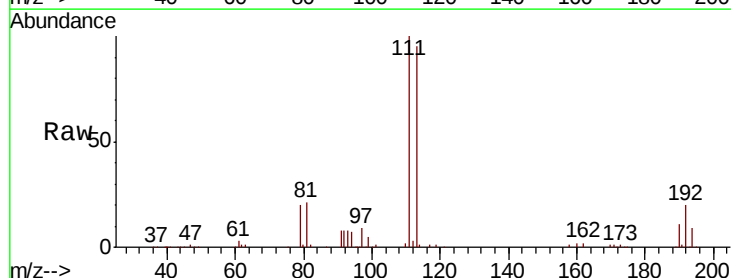
Instrument :
 MSVOA_Y
 ClientSampleId :

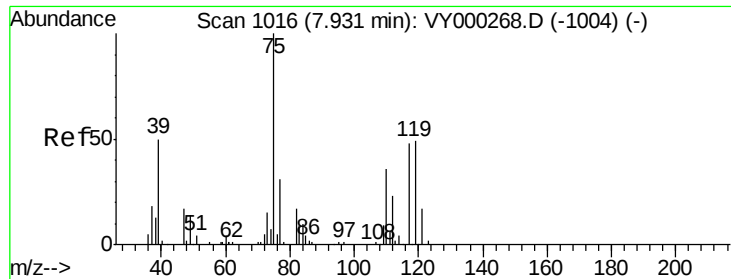
Tot Ion:114 Resp: 492846
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 37.2
 88 15.2 0.0 30.2



#35
 Dibromofluoromethane
 Concen: 50.992 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. 0.00 min
 Lab File: VY000326.D
 Acq: 16 Oct 2019 13:48

Tgt Ion:113 Resp: 151595
 Ion Ratio Lower Upper
 113 100
 111 102.5 81.6 122.4
 192 20.2 15.3 22.9

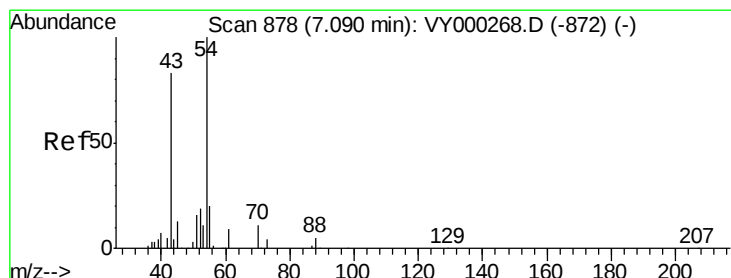
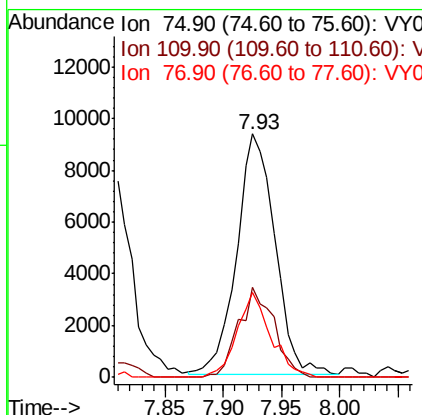
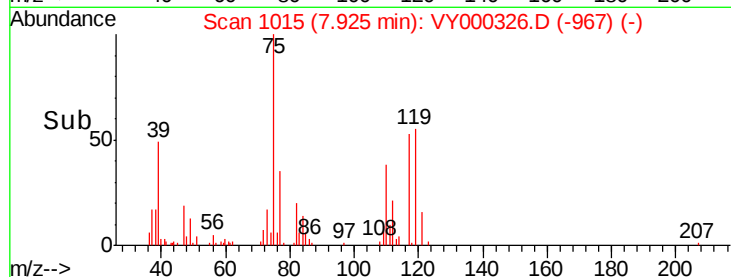
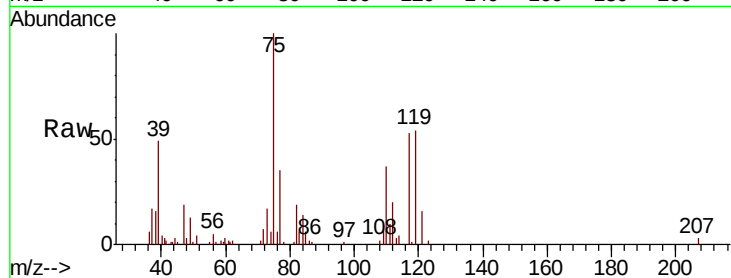




#36
 1,1-Dichloropropene
 Concen: 4.422 ug/l
 RT: 7.93 min Scan# 1015
 Delta R.T. -0.01 min
 Lab File: VY000326.D
 Acq: 16 Oct 2019 13:48

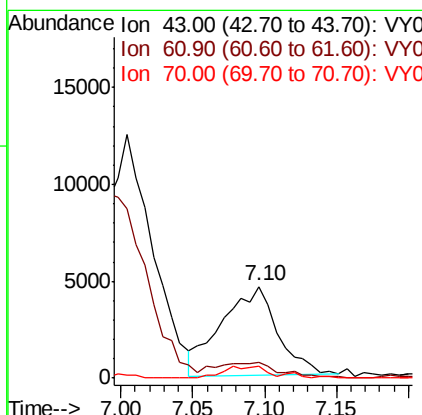
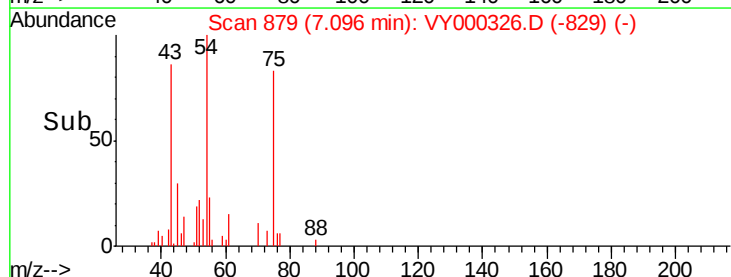
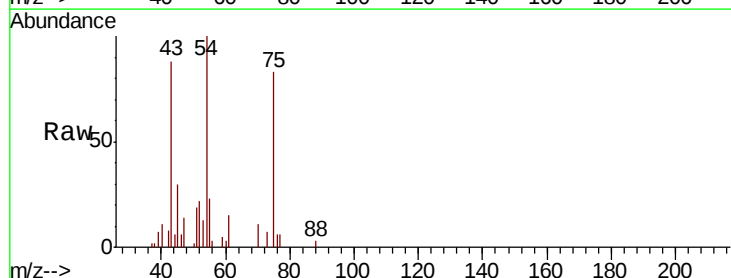
Instrument :
 MSVOA_Y
 ClientSampleId :

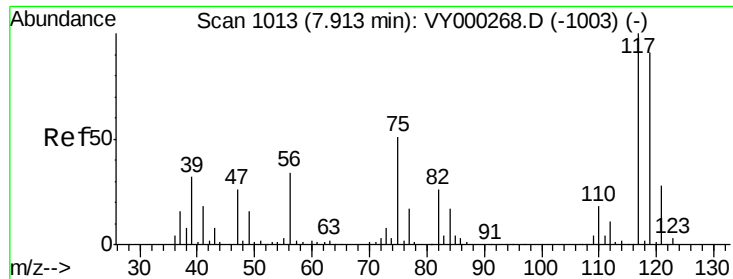
Tot Ion: 75 Resp: 21338
 Ion Ratio Lower Upper
 75 100
 110 34.6 18.4 55.4
 77 31.2 25.0 37.6



#37
 Ethyl Acetate
 Concen: 4.349 ug/l
 RT: 7.10 min Scan# 879
 Delta R.T. 0.01 min
 Lab File: VY000326.D
 Acq: 16 Oct 2019 13:48

Tgt Ion: 43 Resp: 12426
 Ion Ratio Lower Upper
 43 100
 61 20.9 12.1 18.1#
 70 9.7 8.7 13.1

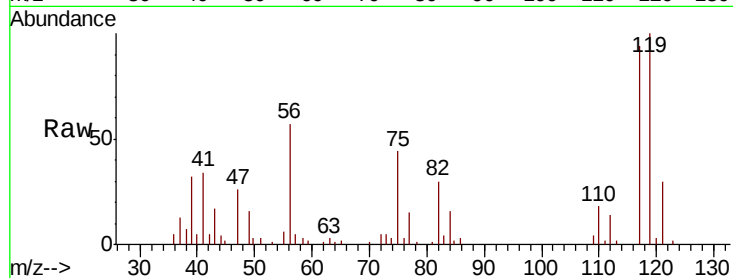




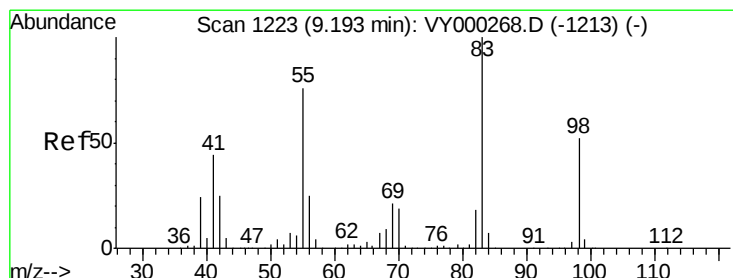
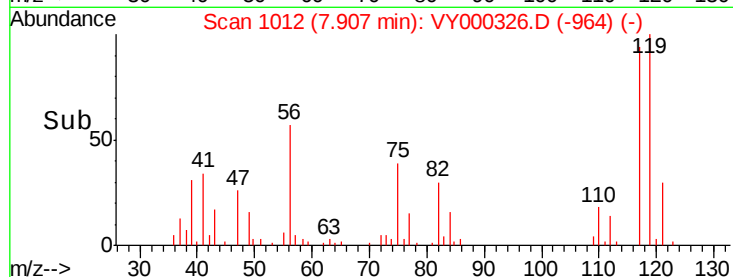
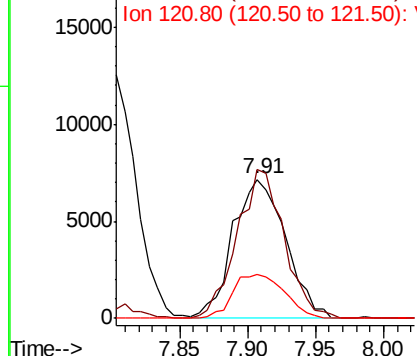
#38
Carbon Tetrachloride
Concen: 4.158 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.01 min
Lab File: VY000326.D
Acq: 16 Oct 2019 13:48

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:117 Resp: 19424
Ion Ratio Lower Upper
117 100
119 106.6 72.8 109.2
121 31.9 22.2 33.2

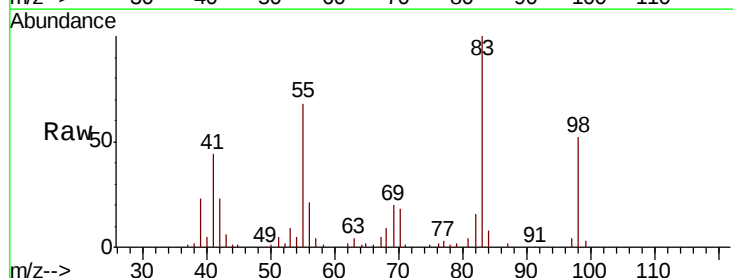


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

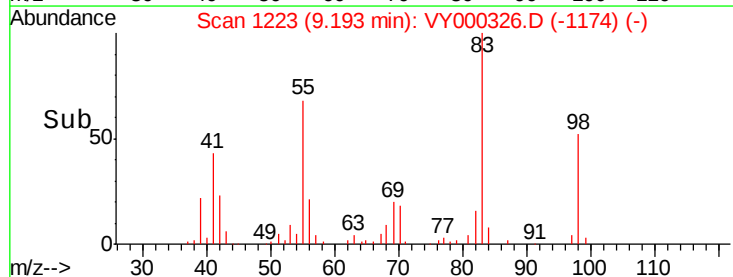
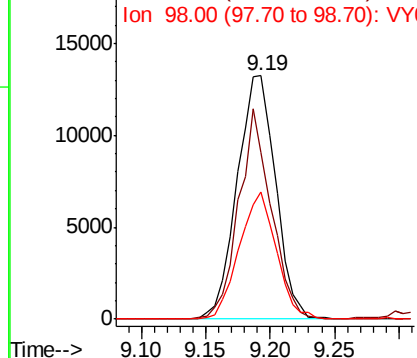


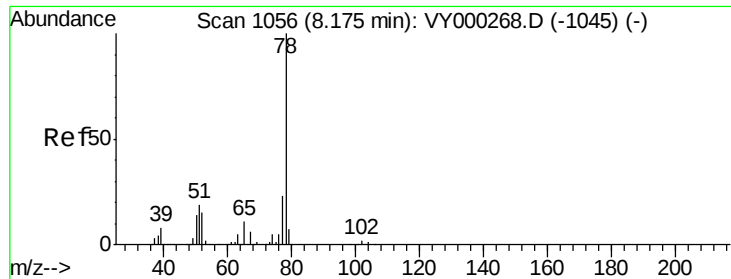
#39
Methylcyclohexane
Concen: 4.338 ug/l
RT: 9.19 min Scan# 1223
Delta R.T. 0.00 min
Lab File: VY000326.D
Acq: 16 Oct 2019 13:48

Tgt Ion: 83 Resp: 27394
Ion Ratio Lower Upper
83 100
55 68.4 60.9 91.3
98 52.2 41.8 62.6



Abundance Ion 83.00 (82.70 to 83.70): VY0
Ion 55.00 (54.70 to 55.70): VY0
Ion 98.00 (97.70 to 98.70): VY0

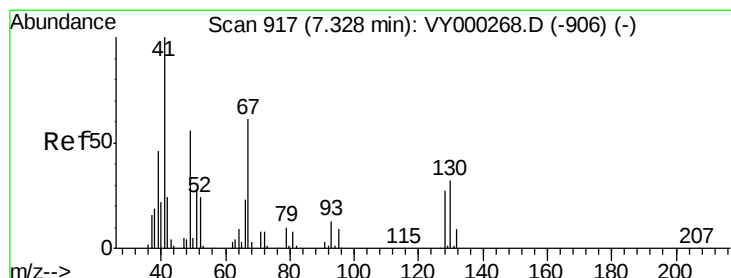
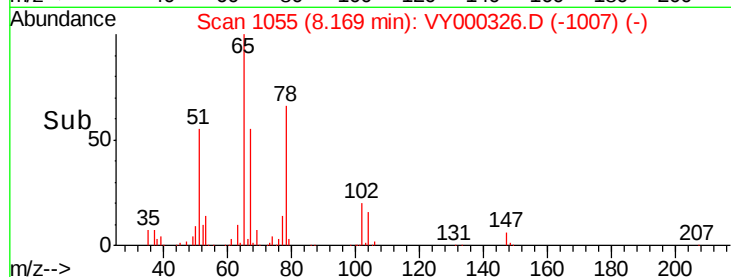
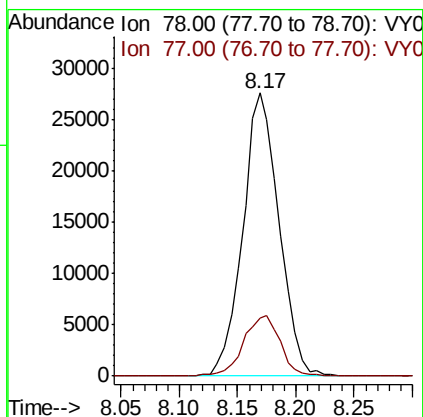
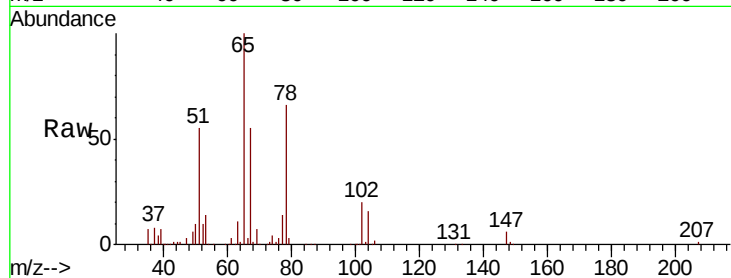




#40
Benzene
Concen: 4.293 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. -0.01 min
Lab File: VY000326.D
Acq: 16 Oct 2019 13:48

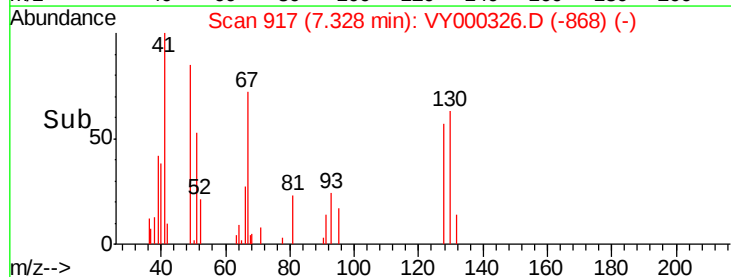
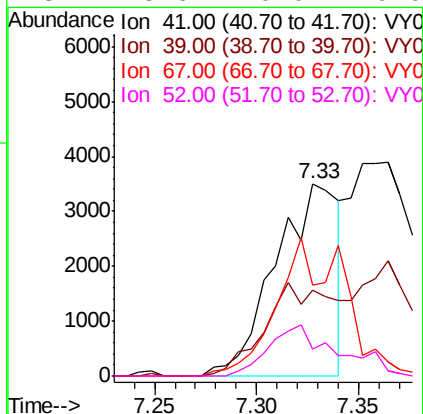
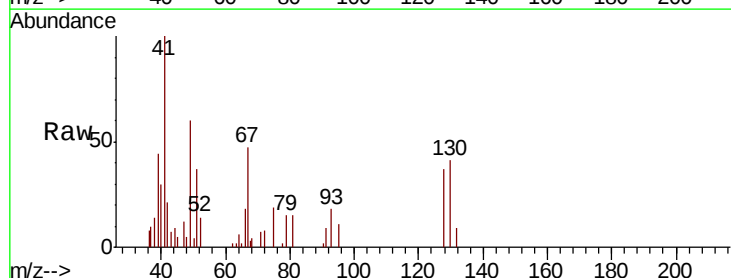
Instrument :
MSVOA_Y
ClientSampleId :

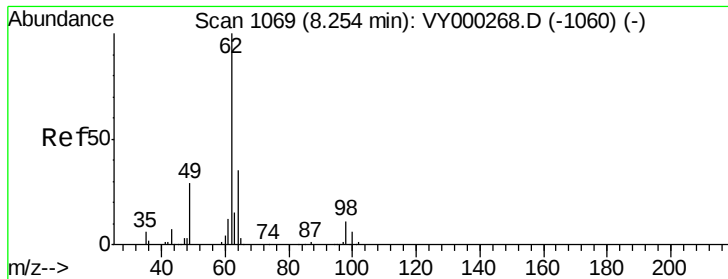
Tot Ion: 78 Resp: 59859
Ion Ratio Lower Upper
78 100
77 20.5 18.8 28.2



#41
Methacrylonitrile
Concen: 5.559 ug/l
RT: 7.33 min Scan# 917
Delta R.T. 0.00 min
Lab File: VY000326.D
Acq: 16 Oct 2019 13:48

Tgt Ion: 41 Resp: 7560
Ion Ratio Lower Upper
41 100
39 57.8 110.2 165.2#
67 76.3 0.0 0.0#
52 28.6 0.0 0.0#





#42

1,2-Dichloroethane

Concen: 4.541 ug/l

RT: 8.24 min Scan# 1067

Delta R.T. -0.01 min

Lab File: VY000326.D

Acq: 16 Oct 2019 13:48

Instrument :

MSVOA_Y

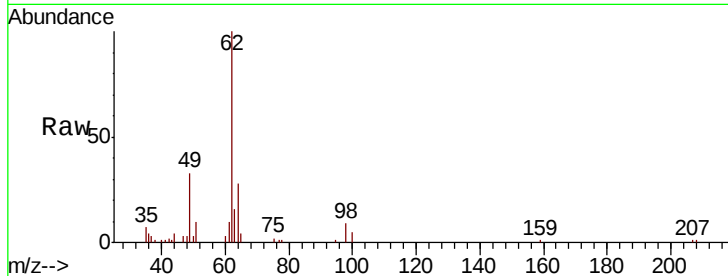
ClientSampleId :

Tot Ion: 62 Resp: 18088

Ion Ratio Lower Upper

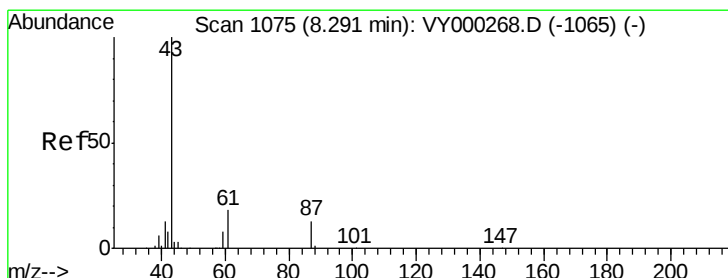
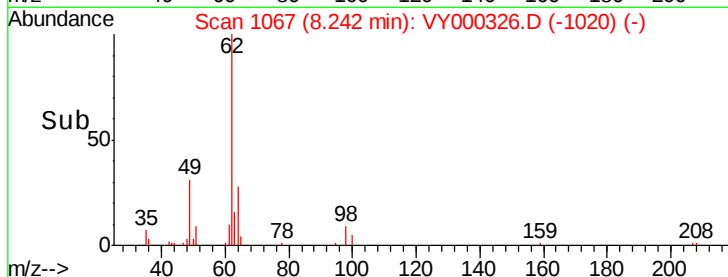
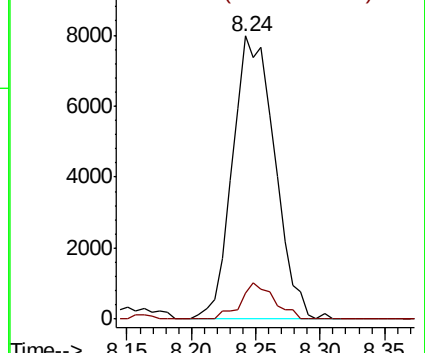
62 100

98 10.1 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: 4.309 ug/l

RT: 8.28 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VY000326.D

Acq: 16 Oct 2019 13:48

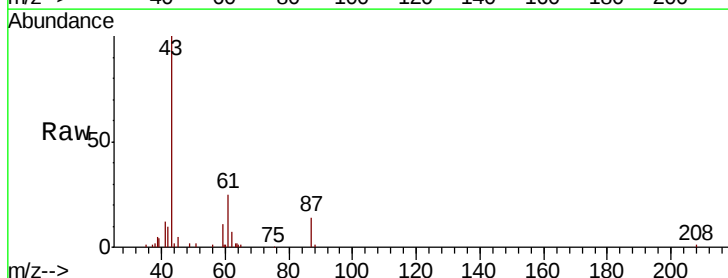
Tgt Ion: 43 Resp: 23409

Ion Ratio Lower Upper

43 100

61 30.0 22.3 33.5

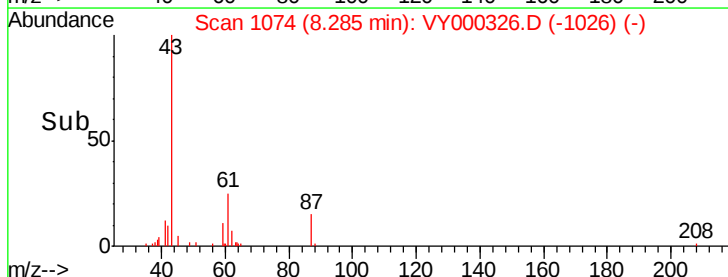
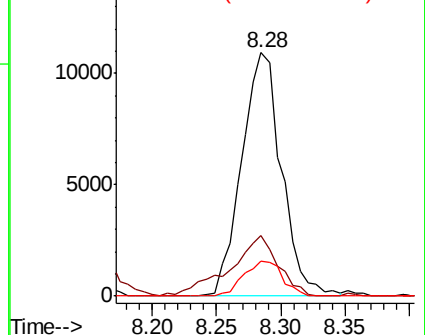
87 13.8 10.9 16.3

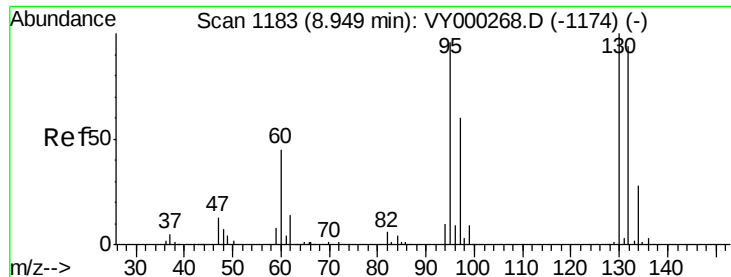


Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 61.00 (60.70 to 61.70): VY0

Ion 87.00 (86.70 to 87.70): VY0





#44

Trichloroethene

Concen: 4.363 ug/l

RT: 8.95 min Scan# 1183

Delta R.T. 0.00 min

Lab File: VY000326.D

Acq: 16 Oct 2019 13:48

Instrument :

MSVOA_Y

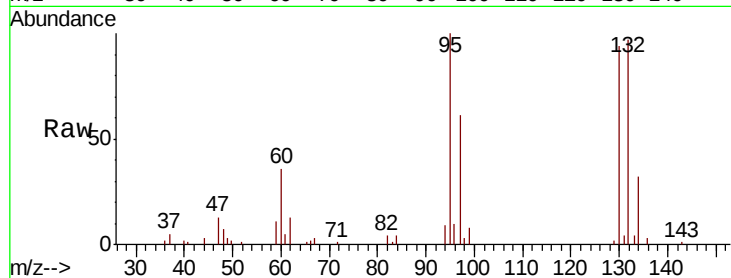
ClientSampleId :

Tot Ion:130 Resp: 17072

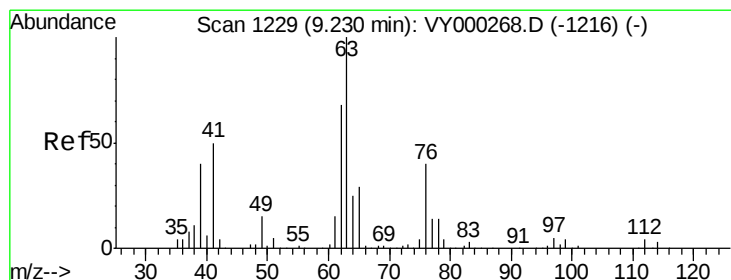
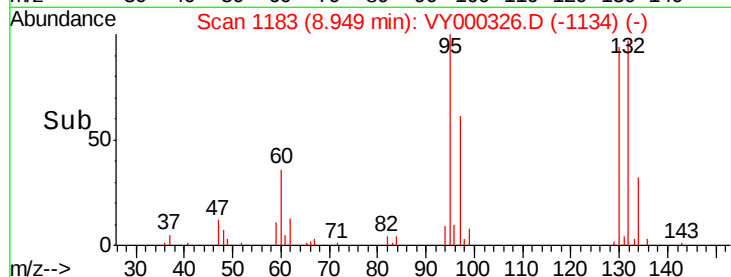
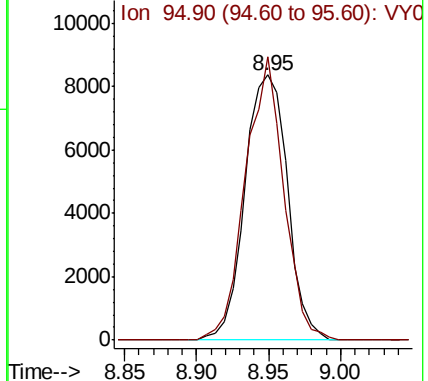
Ion Ratio Lower Upper

130 100

95 106.7 0.0 191.4



Abundance Ion 129.80 (129.50 to 130.50): VY000326.D (-1174) (-)



#45

1,2-Dichloropropane

Concen: 4.411 ug/l

RT: 9.23 min Scan# 1229

Delta R.T. 0.00 min

Lab File: VY000326.D

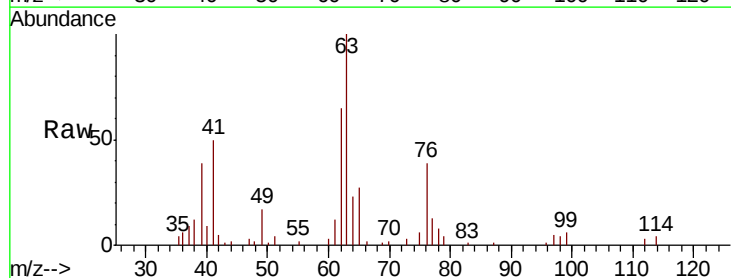
Acq: 16 Oct 2019 13:48

Tgt Ion: 63 Resp: 15094

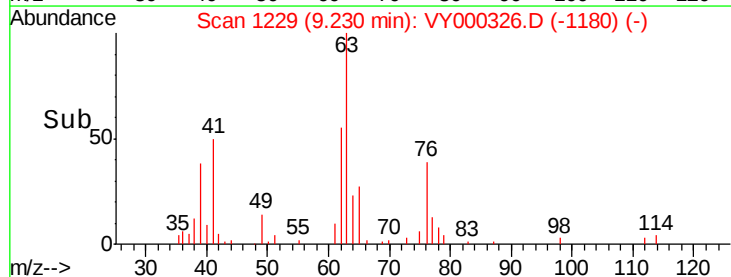
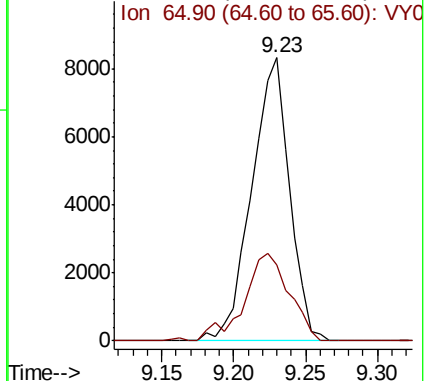
Ion Ratio Lower Upper

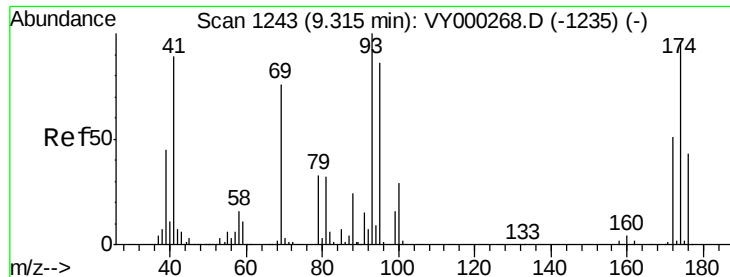
63 100

65 26.9 23.2 34.8



Abundance Ion 62.90 (62.60 to 63.60): VY000326.D (-1180) (-)





#46

Dibromomethane

Concen: 4.381 ug/l

RT: 9.32 min Scan# 1243

Delta R.T. 0.00 min

Lab File: VY000326.D

Acq: 16 Oct 2019 13:48

Instrument :

MSVOA_Y

ClientSampleId :

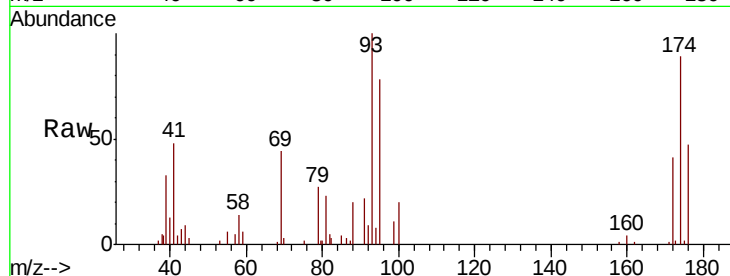
Tot Ion: 93 Resp: 8381

Ion Ratio Lower Upper

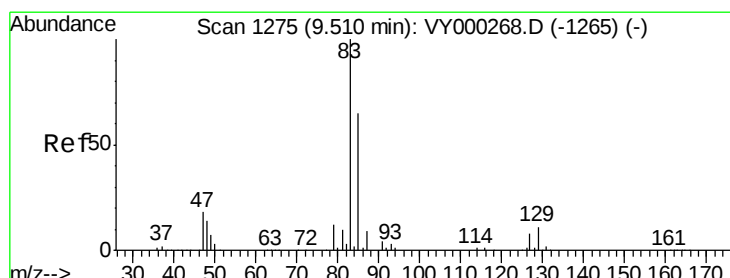
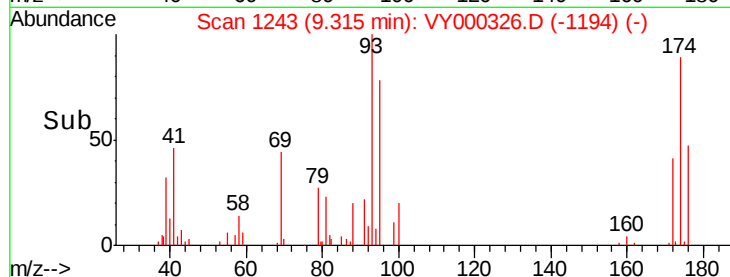
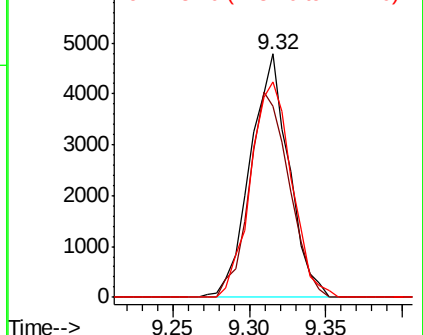
93 100

95 87.1 68.2 102.2

174 94.3 79.8 119.6



Abundance Ion 92.80 (92.50 to 93.50): VY0
Ion 94.80 (94.50 to 95.50): VY0
Ion 173.70 (173.40 to 174.40): V



#47

Bromodichloromethane

Concen: 4.194 ug/l

RT: 9.50 min Scan# 1274

Delta R.T. -0.01 min

Lab File: VY000326.D

Acq: 16 Oct 2019 13:48

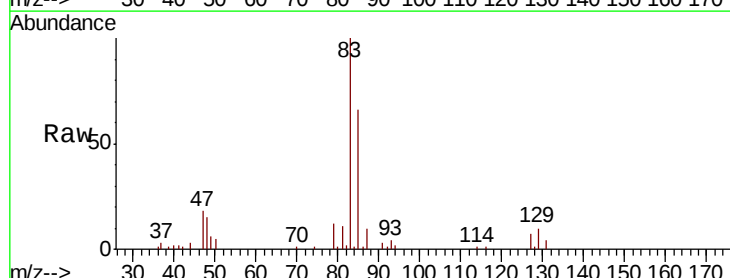
Tgt Ion: 83 Resp: 18908

Ion Ratio Lower Upper

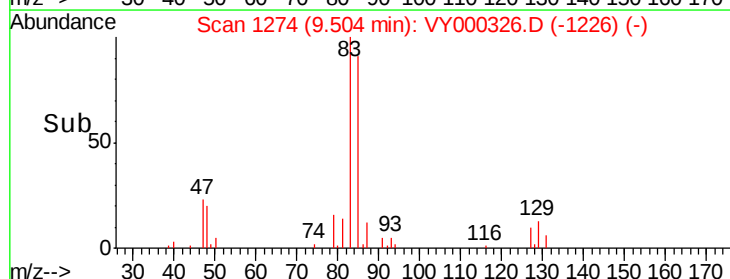
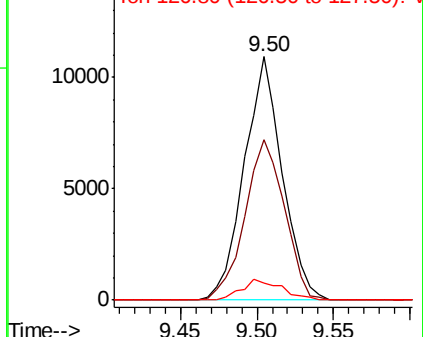
83 100

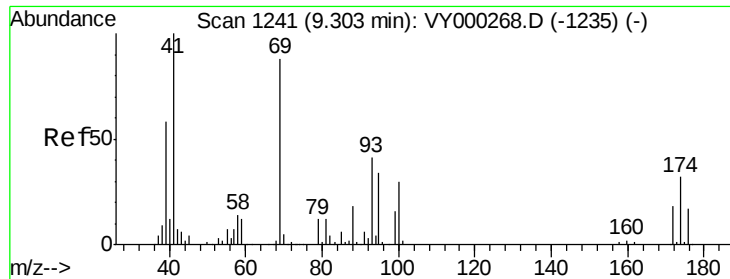
85 65.8 52.2 78.2

127 7.2 6.3 9.5



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

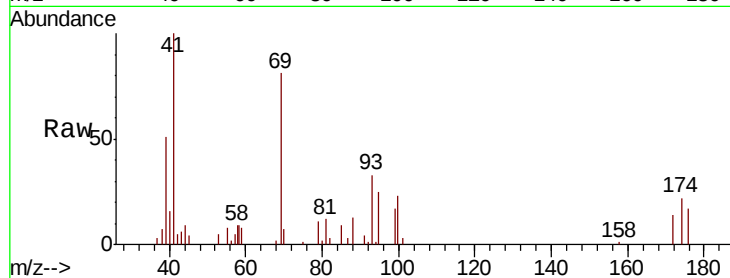




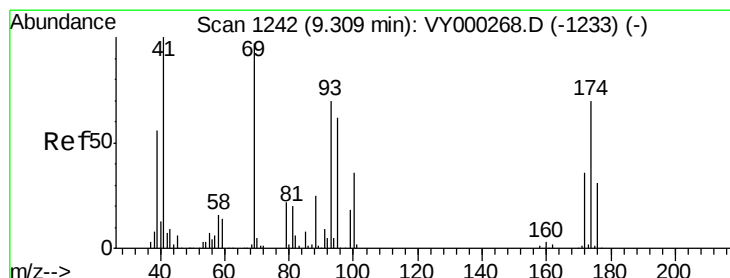
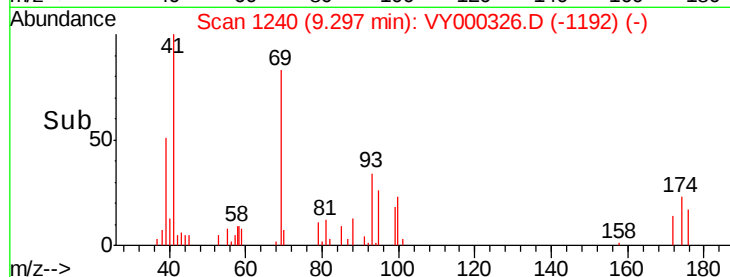
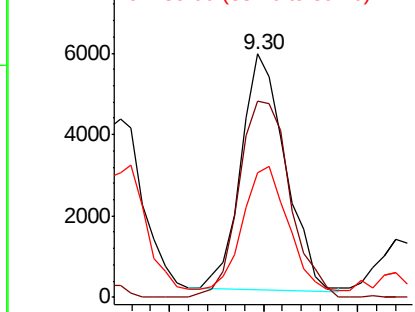
#48
Methvl methacrylate
Concen: 4.010 ug/l
RT: 9.30 min Scan# 1240
Delta R.T. -0.01 min
Lab File: VY000326.D
Acq: 16 Oct 2019 13:48

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 41 Resp: 9548
Ion Ratio Lower Upper
41 100
69 94.6 70.0 105.0
39 60.0 47.7 71.5

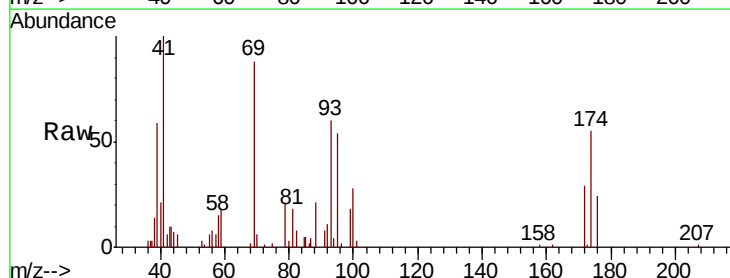


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 39.00 (38.70 to 39.70): VY0

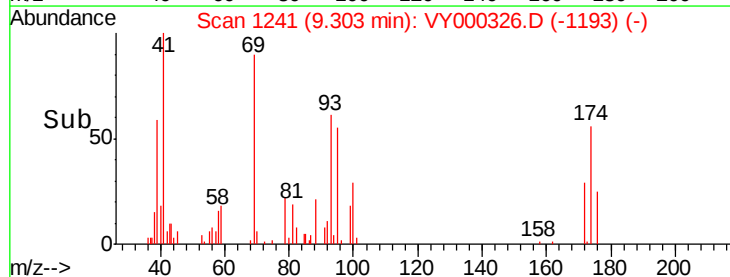
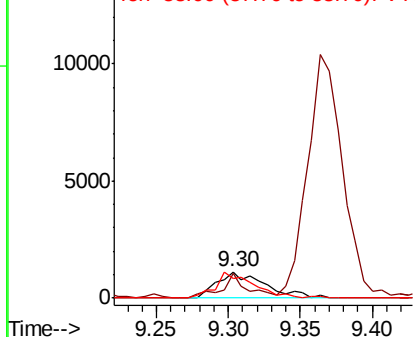


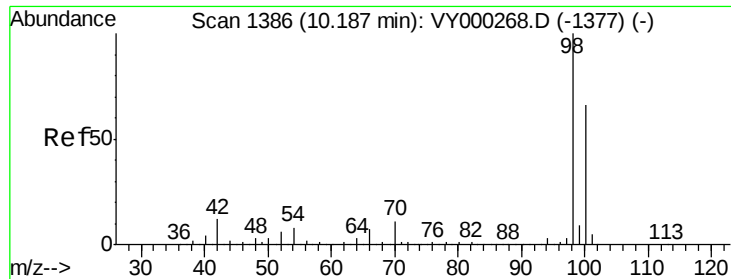
#49
1,4-Dioxane
Concen: 88.869 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. -0.01 min
Lab File: VY000326.D
Acq: 16 Oct 2019 13:48

Tgt Ion: 88 Resp: 2549
Ion Ratio Lower Upper
88 100
43 53.4 25.6 38.4#
58 78.6 54.6 81.8



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





#50

Toluene-d8

Concen: 53.009 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. 0.00 min

Lab File: VY000326.D

Acq: 16 Oct 2019 13:48

Instrument :

MSVOA_Y

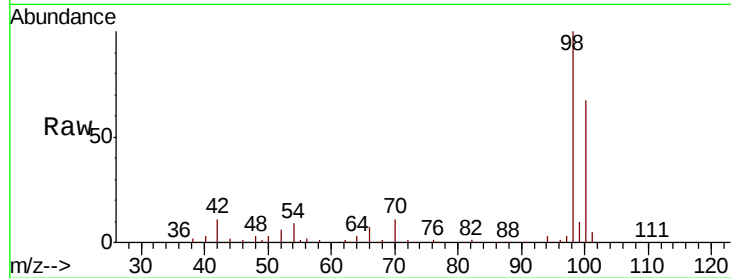
ClientSampleId :

Tot Ion: 98 Resp: 606207

Ion Ratio Lower Upper

98 100

100 66.2 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY0

10.19

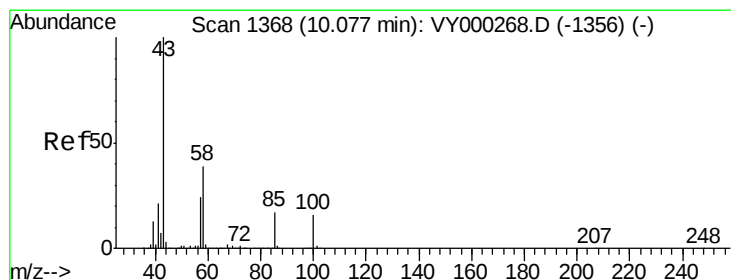
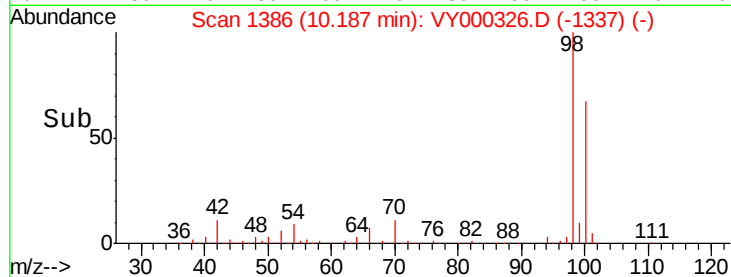
300000

200000

100000

0

Time-->



#51

4-Methyl-2-Pentanone

Concen: 21.476 ug/l

RT: 10.08 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VY000326.D

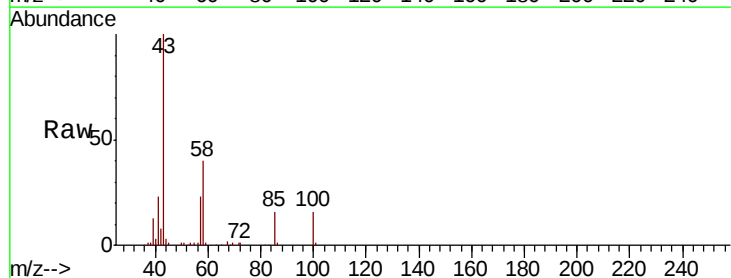
Acq: 16 Oct 2019 13:48

Tgt Ion: 43 Resp: 60176

Ion Ratio Lower Upper

43 100

58 40.1 31.0 46.6



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

10.08

40000

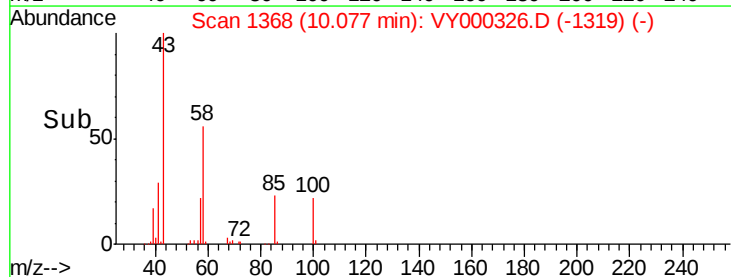
30000

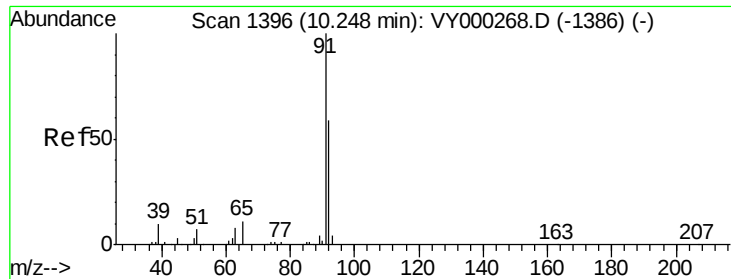
20000

10000

0

Time-->





#52

Toluene

Concen: 4.344 ug/l

RT: 10.25 min Scan# 1396

Delta R.T. 0.00 min

Lab File: VY000326.D

Acq: 16 Oct 2019 13:48

Instrument :

MSVOA_Y

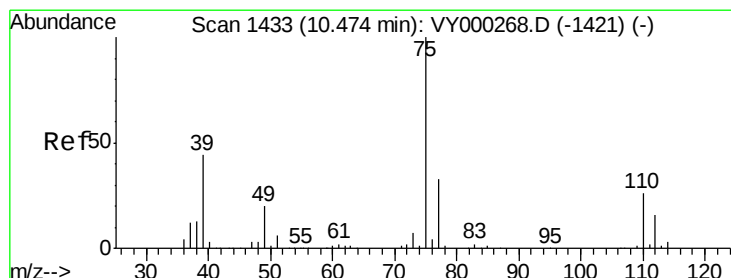
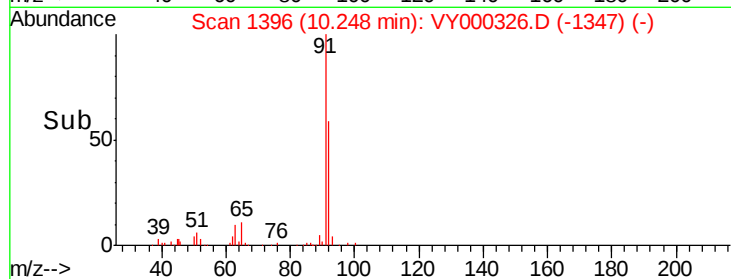
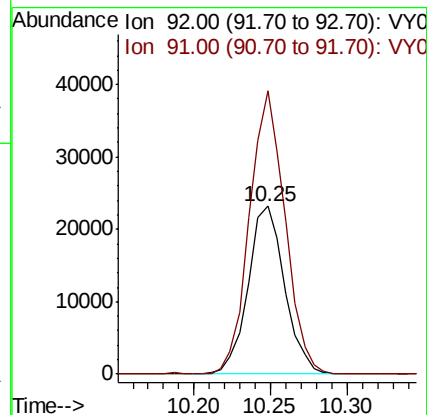
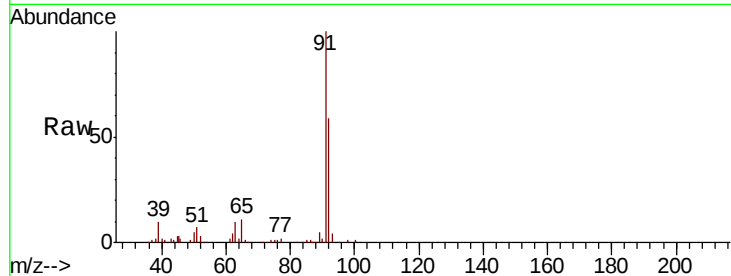
ClientSampleId :

Tot Ion: 92 Resp: 38457

Ion Ratio Lower Upper

92 100

91 164.4 136.6 205.0



#53

t-1,3-Dichloropropene

Concen: 4.421 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. -0.01 min

Lab File: VY000326.D

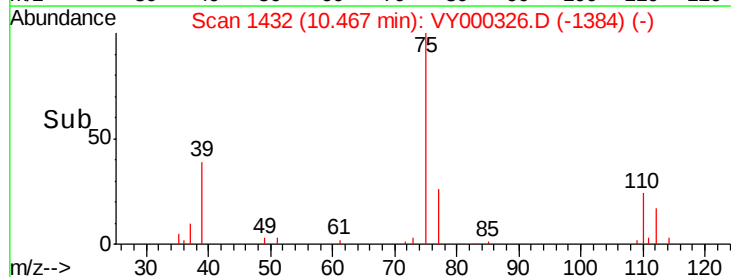
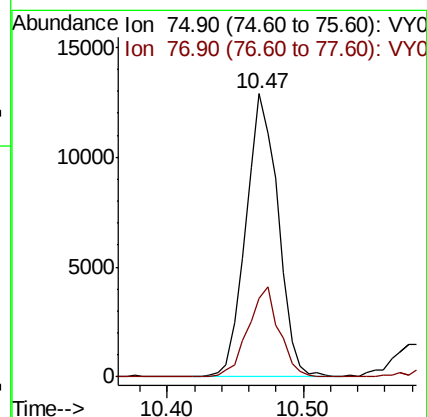
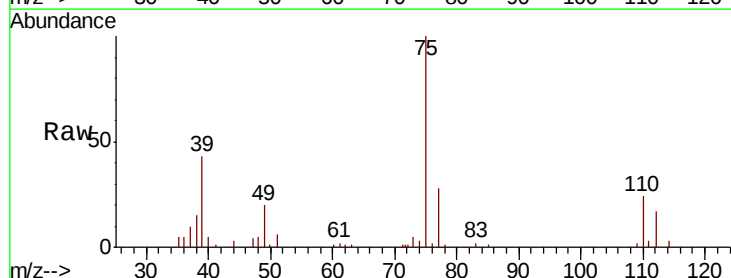
Acq: 16 Oct 2019 13:48

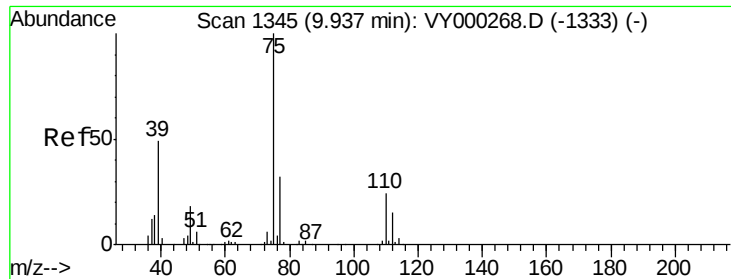
Tgt Ion: 75 Resp: 21361

Ion Ratio Lower Upper

75 100

77 27.9 26.0 39.0



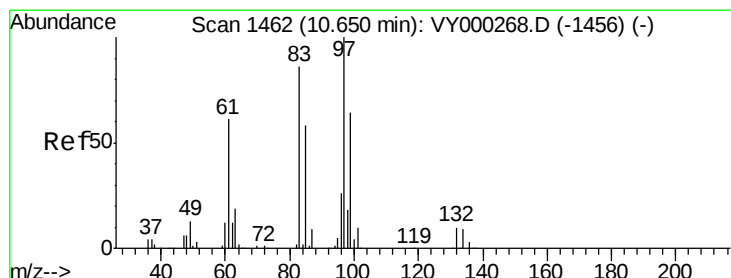
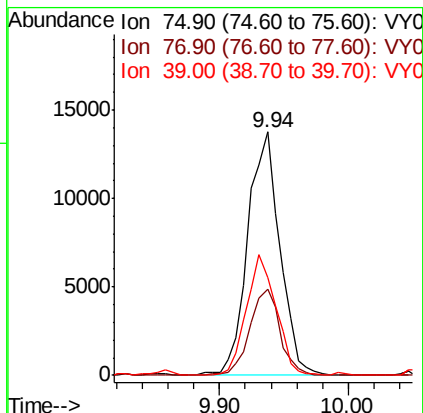
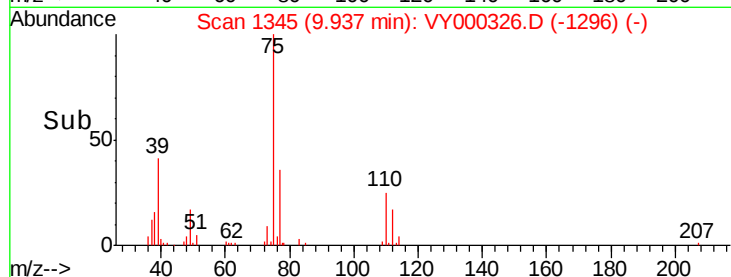
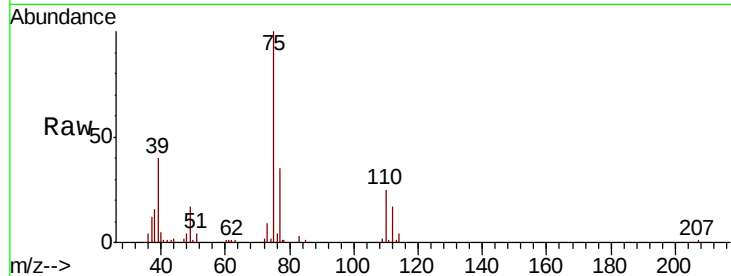


#54

cis-1,3-Dichloropropene
Concen: 4.303 ug/l
RT: 9.94 min Scan# 1345
Delta R.T. 0.00 min
Lab File: VY000326.D
Acq: 16 Oct 2019 13:48

Instrument :
MSVOA_Y
ClientSampleId :

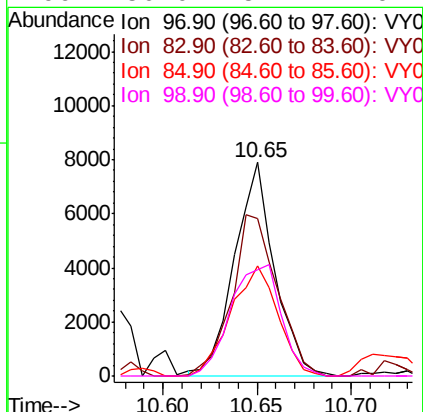
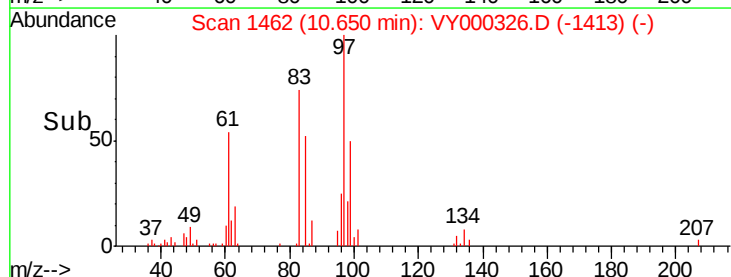
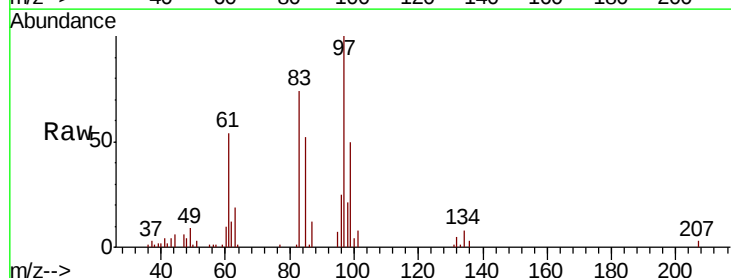
Tot Ion	75	Resp	23608
Ion Ratio	Lower	Upper	
75	100		
77	35.5	26.0	39.0
39	40.2	38.8	58.2

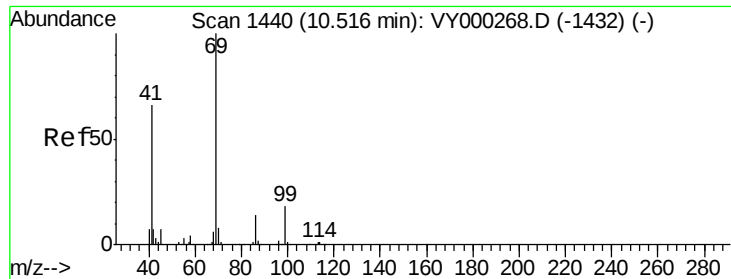


#55

1,1,2-Trichloroethane
Concen: 4.177 ug/l
RT: 10.65 min Scan# 1462
Delta R.T. 0.00 min
Lab File: VY000326.D
Acq: 16 Oct 2019 13:48

Tgt Ion	97	Resp	11619
Ion Ratio	Lower	Upper	
97	100		
83	73.9	69.0	103.6
85	51.5	46.2	69.4
99	50.0	51.1	76.7#





#56

Ethyl methacrylate

Concen: 4.305 ug/l

RT: 10.52 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VY000326.D

Acq: 16 Oct 2019 13:48

Instrument :

MSVOA_Y

ClientSampled :

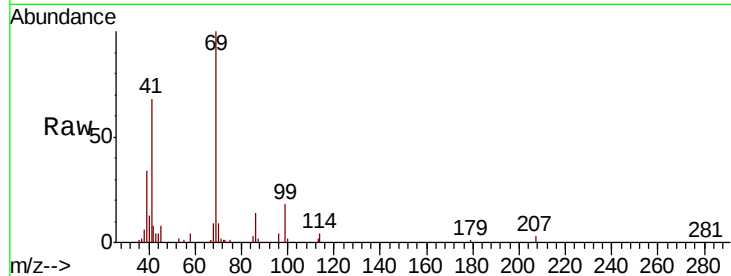
Tot Ion: 69 Resp: 17068

Ion Ratio Lower Upper

69 100

41 67.6 52.5 78.7

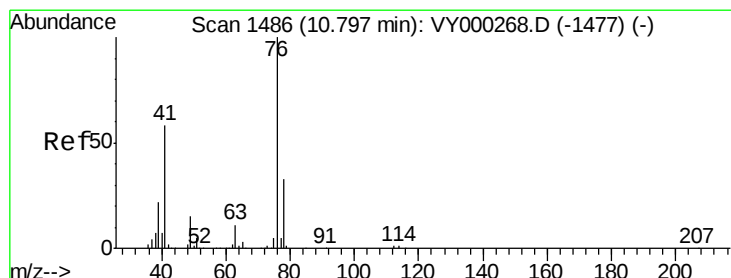
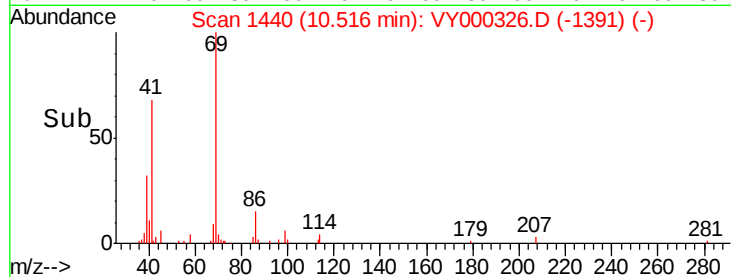
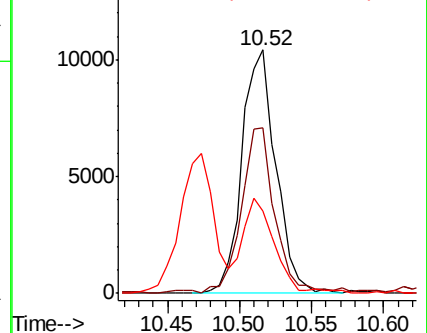
39 33.5 26.7 40.1



Abundance Ion 69.00 (68.70 to 69.70): VY000326.D (-1432) (-)

Ion 41.00 (40.70 to 41.70): VY000326.D (-1432) (-)

Ion 39.00 (38.70 to 39.70): VY000326.D (-1432) (-)



#57

1,3-Dichloropropane

Concen: 4.275 ug/l

RT: 10.80 min Scan# 1486

Delta R.T. 0.00 min

Lab File: VY000326.D

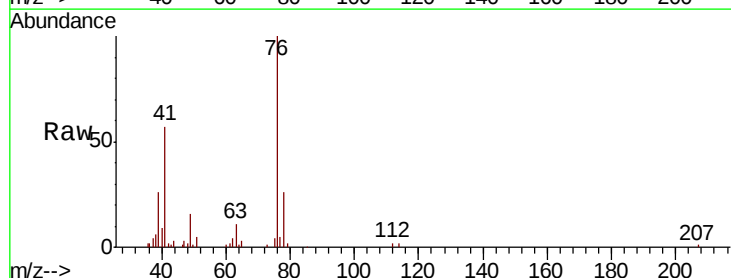
Acq: 16 Oct 2019 13:48

Tgt Ion: 76 Resp: 20419

Ion Ratio Lower Upper

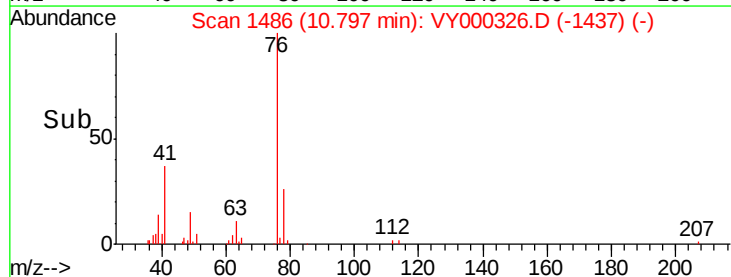
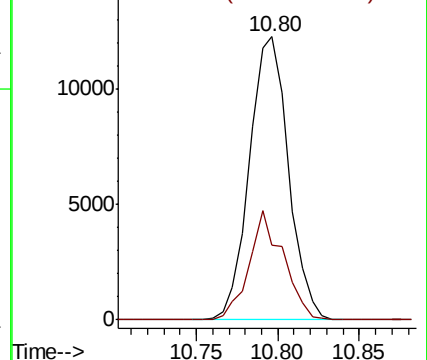
76 100

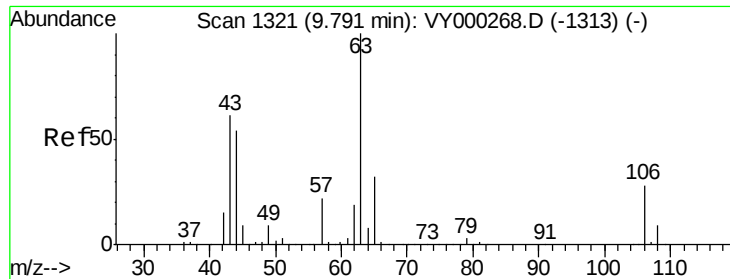
78 34.2 26.2 39.2



Abundance Ion 75.90 (75.60 to 76.60): VY000326.D (-1477) (-)

Ion 77.90 (77.60 to 78.60): VY000326.D (-1477) (-)

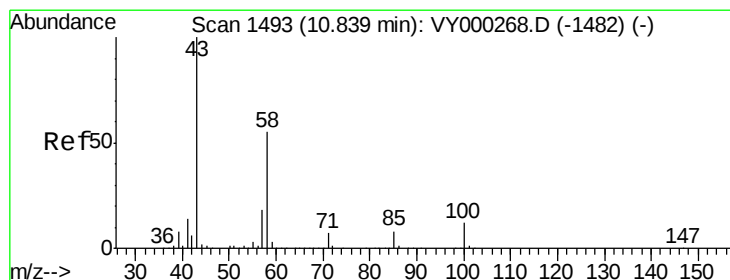
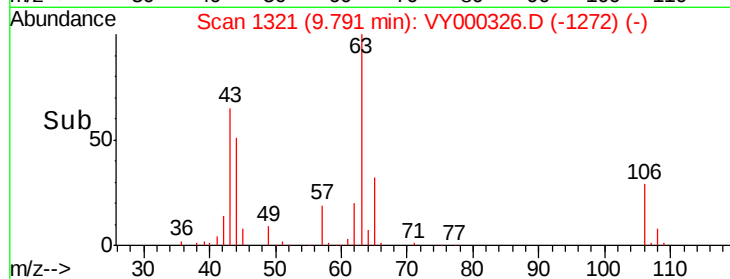
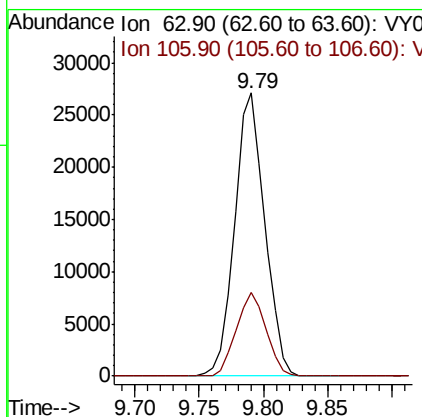
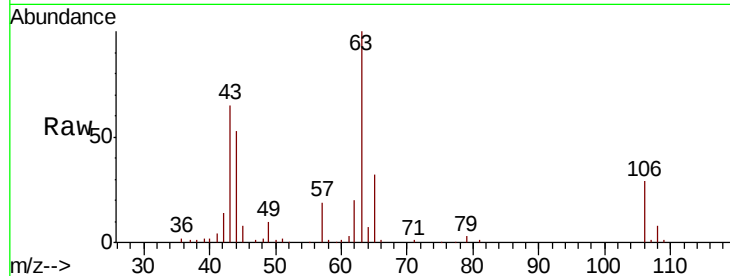




#58
2-Chloroethyl Vinyl ether
Concen: 27.774 ug/l
RT: 9.79 min Scan# 1321
Delta R.T. 0.00 min
Lab File: VY000326.D
Acq: 16 Oct 2019 13:48

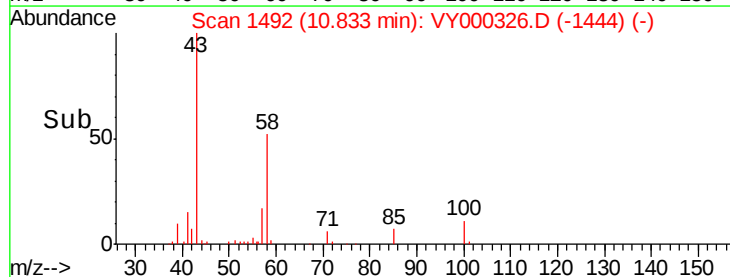
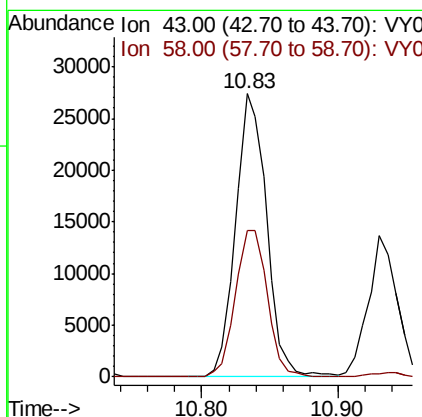
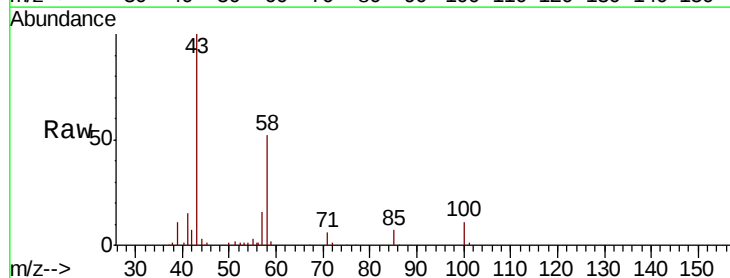
Instrument :
MSVOA_Y
ClientSampled :

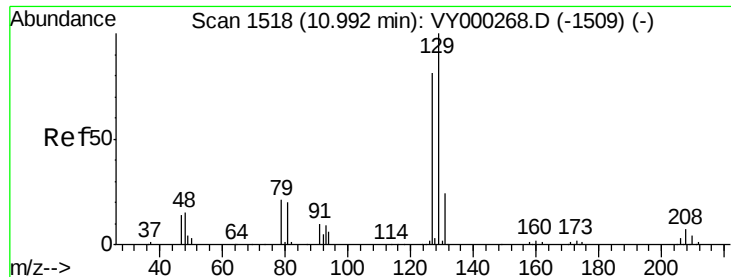
Tot Ion: 63 Resp: 43919
Ion Ratio Lower Upper
63 100
106 29.1 23.0 34.4



#59
2-Hexanone
Concen: 22.177 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.01 min
Lab File: VY000326.D
Acq: 16 Oct 2019 13:48

Tgt Ion: 43 Resp: 43617
Ion Ratio Lower Upper
43 100
58 53.5 27.7 83.1





#60

Dibromochloromethane

Concen: 4.319 ug/l

RT: 10.99 min Scan# 1517

Delta R.T. -0.01 min

Lab File: VY000326.D

Acq: 16 Oct 2019 13:48

Instrument :

MSVOA_Y

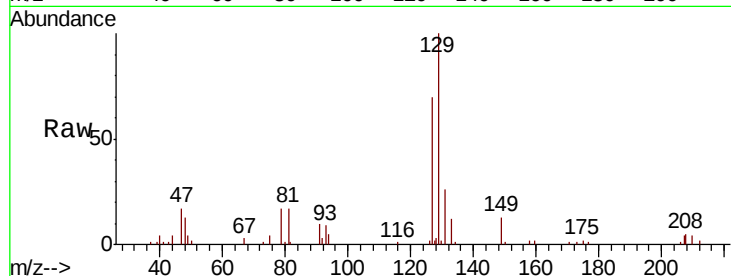
ClientSampleId :

Tot Ion:129 Resp: 13314

Ion Ratio Lower Upper

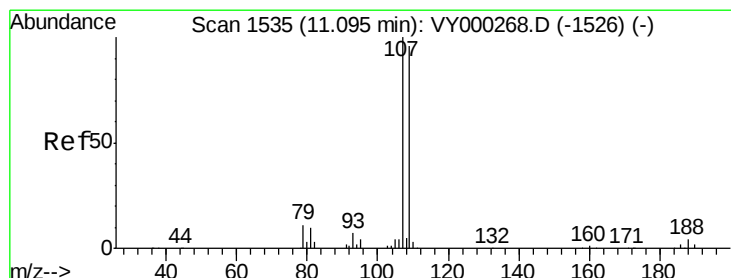
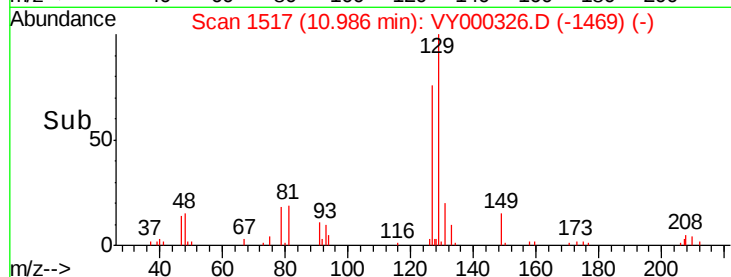
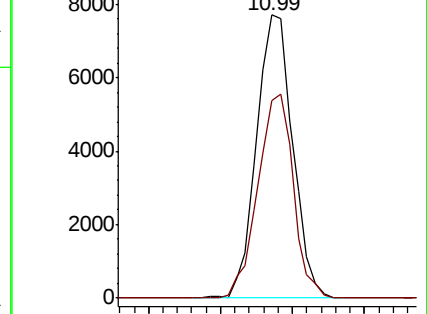
129 100

127 70.8 39.9 119.7



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 4.269 ug/l

RT: 11.10 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VY000326.D

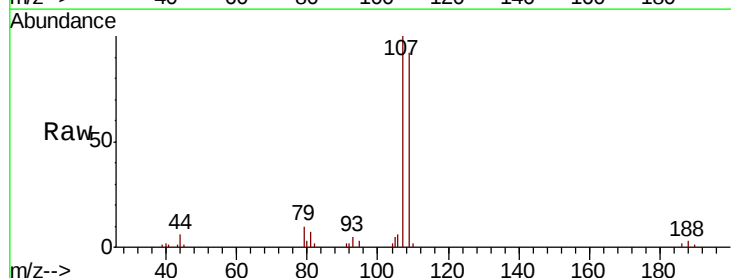
Acq: 16 Oct 2019 13:48

Tgt Ion:107 Resp: 11402

Ion Ratio Lower Upper

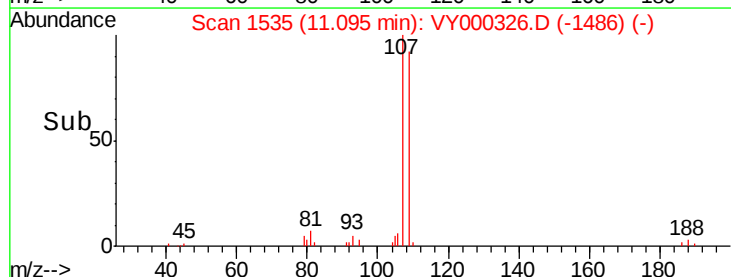
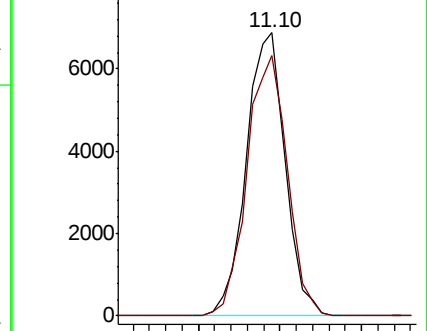
107 100

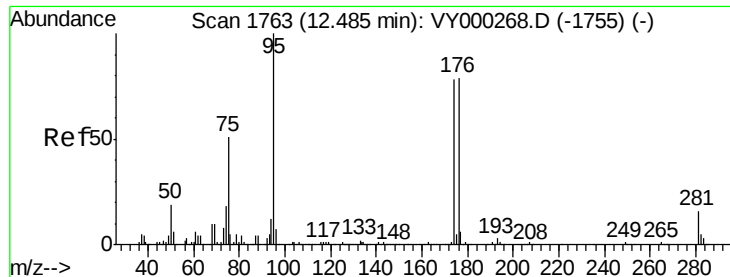
109 94.8 75.1 112.7



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

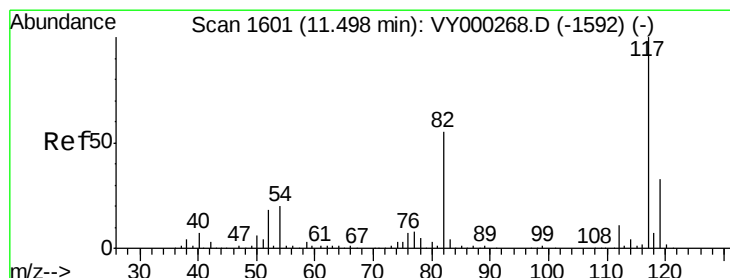
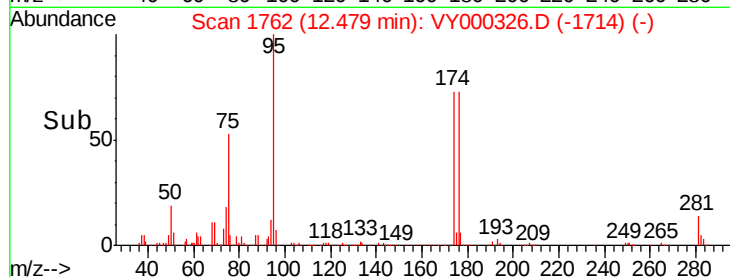
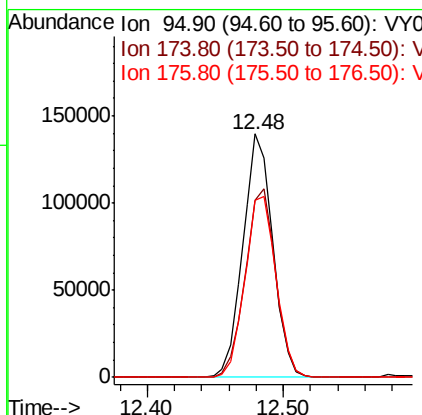
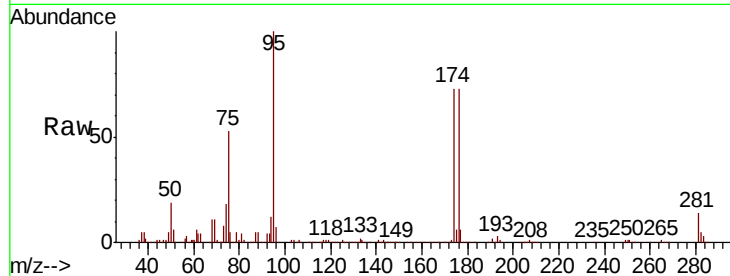




#62
4-Bromofluorobenzene
Concen: 49.239 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.01 min
Lab File: VY000326.D
Acq: 16 Oct 2019 13:48

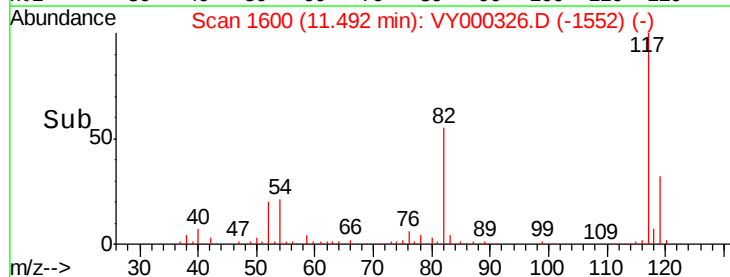
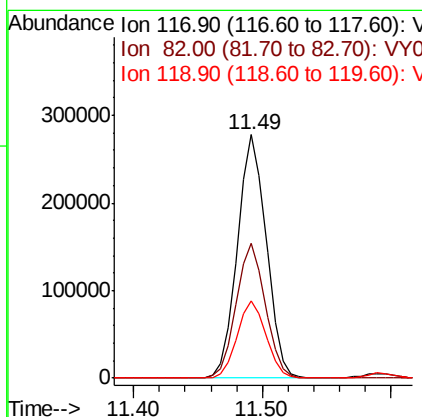
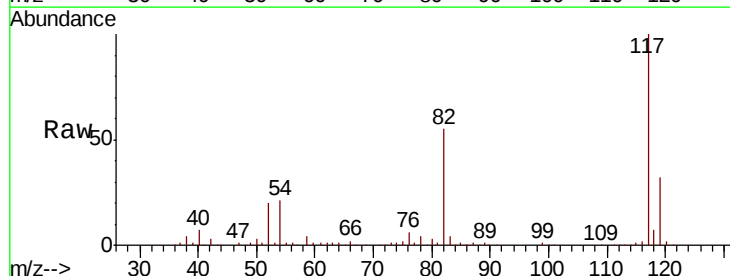
Instrument :
MSVOA_Y
ClientSampleId :

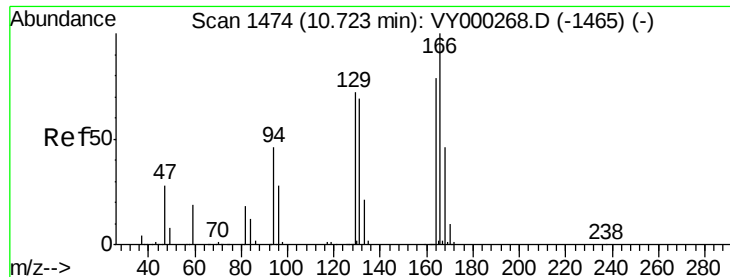
Tot Ion	95	Resp	213927
Ion	Ratio	Lower	Upper
95	100		
174	79.5	0.0	159.6
176	77.9	0.0	153.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY000326.D
Acq: 16 Oct 2019 13:48

Tgt Ion	117	Resp	431928
Ion	Ratio	Lower	Upper
117	100		
82	55.5	43.7	65.5
119	31.9	26.6	39.8

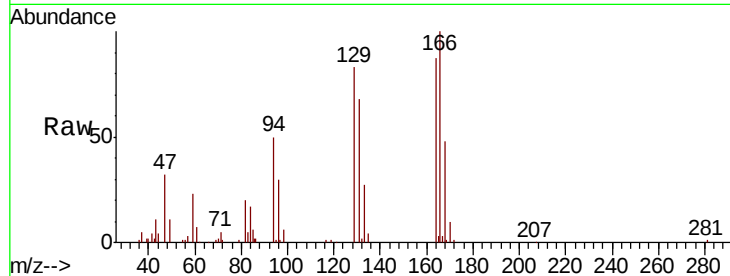




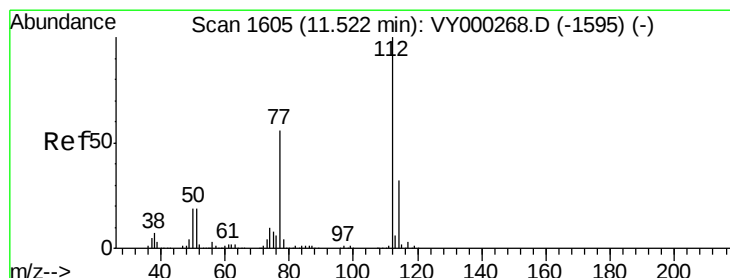
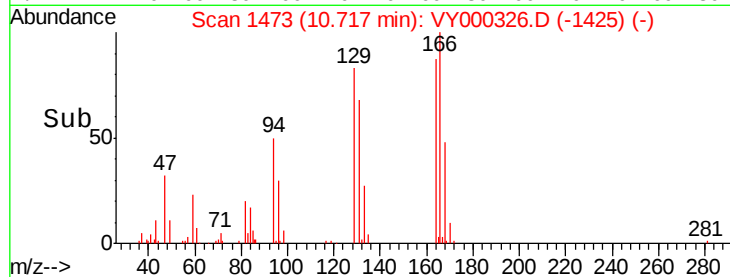
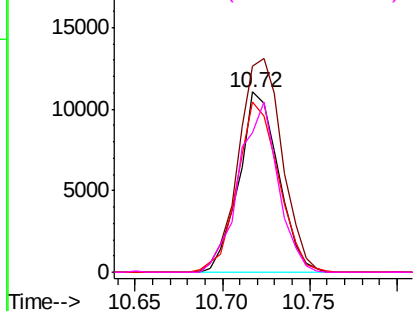
#64
Tetrachloroethene
Concen: 4.235 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.01 min
Lab File: VY000326.D
Acq: 16 Oct 2019 13:48

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:164 Resp: 17416
Ion Ratio Lower Upper
164 100
166 114.3 100.6 151.0
129 94.5 72.8 109.2
131 77.3 69.4 104.2

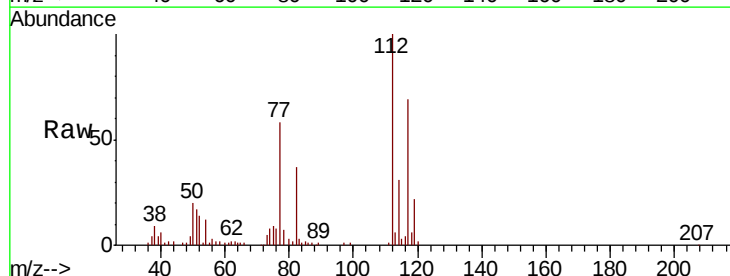


Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

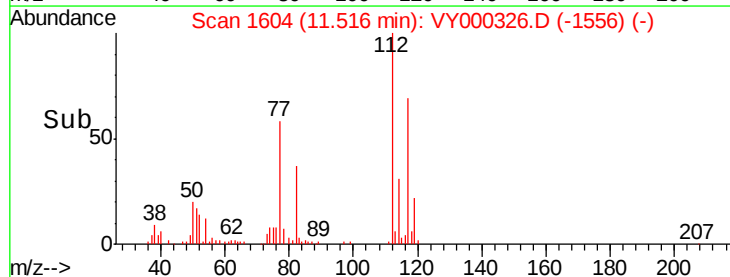
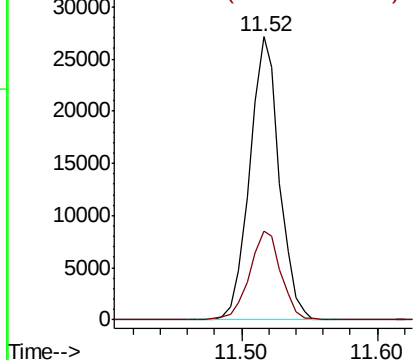


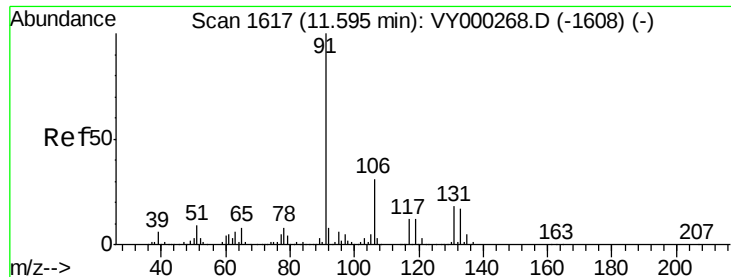
#65
Chlorobenzene
Concen: 4.540 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.01 min
Lab File: VY000326.D
Acq: 16 Oct 2019 13:48

Tgt Ion:112 Resp: 41383
Ion Ratio Lower Upper
112 100
114 31.2 25.7 38.5



Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V





#66

1,1,1,2-Tetrachloroethane

Concen: 4.279 ug/l

RT: 11.60 min Scan# 1617

Delta R.T. 0.00 min

Lab File: VY000326.D

Acq: 16 Oct 2019 13:48

Instrument :

MSVOA_Y

ClientSampleId :

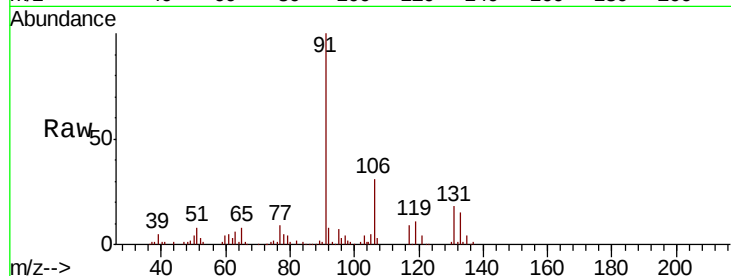
Tot Ion:131 Resp: 13701

Ion Ratio Lower Upper

131 100

133 91.4 47.2 141.6

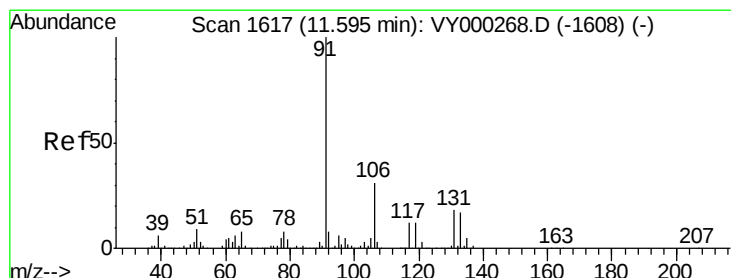
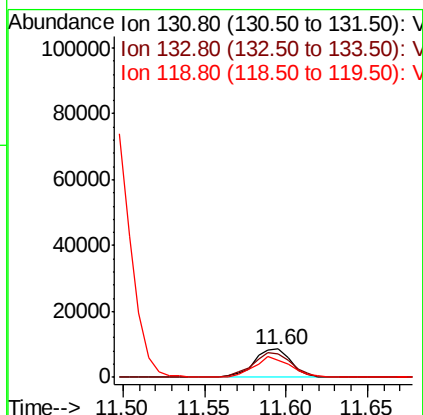
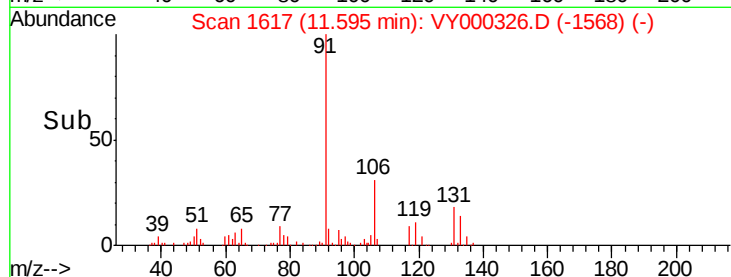
119 71.3 32.6 98.0



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V



#67

Ethyl Benzene

Concen: 4.223 ug/l

RT: 11.60 min Scan# 1617

Delta R.T. 0.00 min

Lab File: VY000326.D

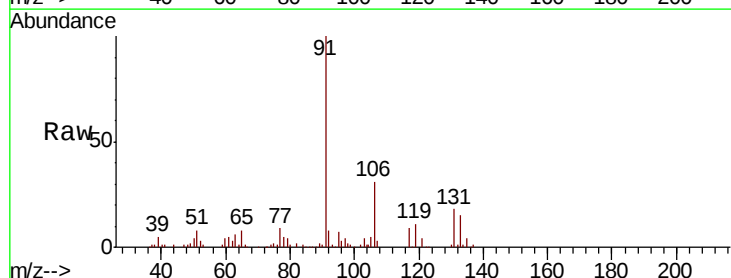
Acq: 16 Oct 2019 13:48

Tgt Ion: 91 Resp: 71364

Ion Ratio Lower Upper

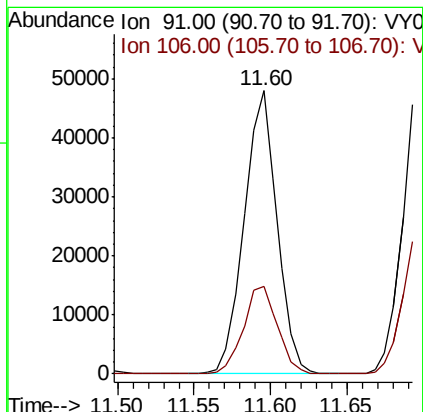
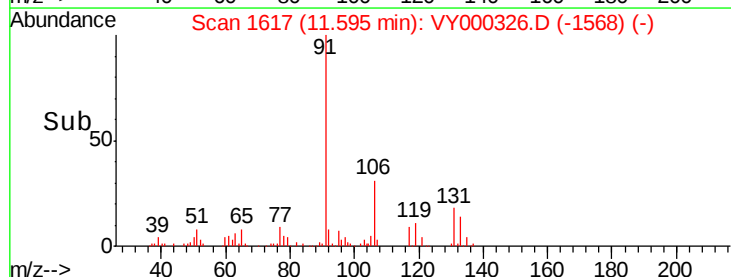
91 100

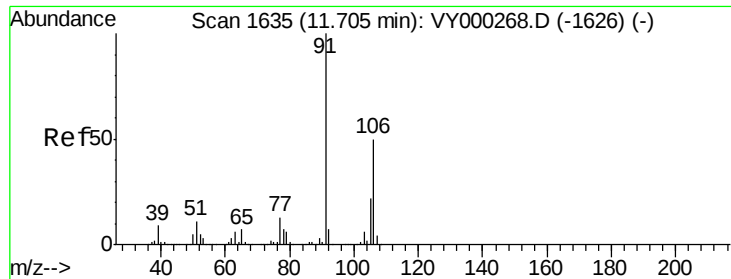
106 31.1 25.0 37.6



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 106.00 (105.70 to 106.70): V

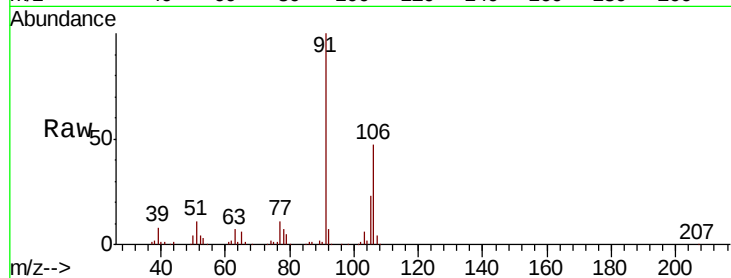




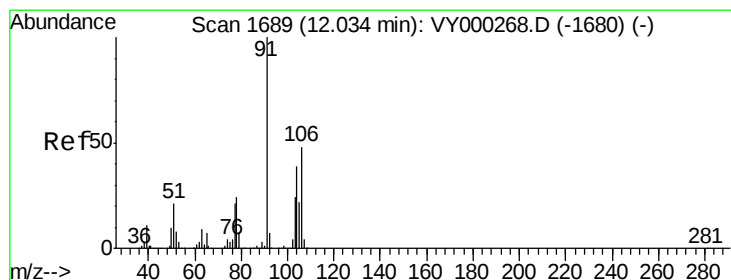
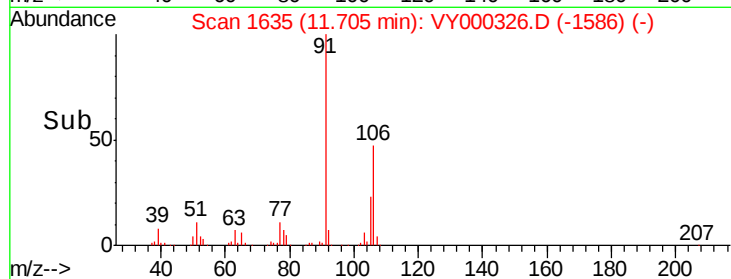
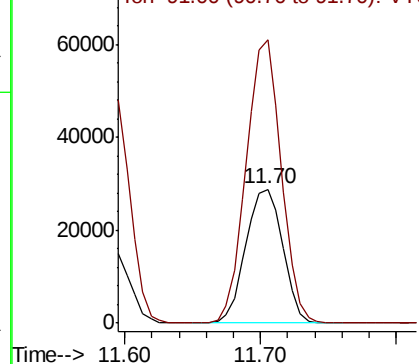
#68
m/p-Xvlenes
Concen: 8.521 ug/l
RT: 11.70 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VY000326.D
Acq: 16 Oct 2019 13:48

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:106 Resp: 55047
Ion Ratio Lower Upper
106 100
91 200.2 157.5 236.3

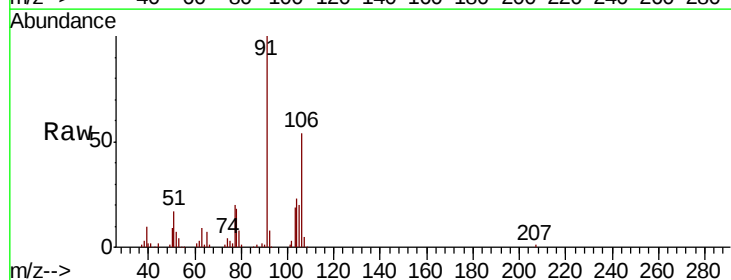


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VY0

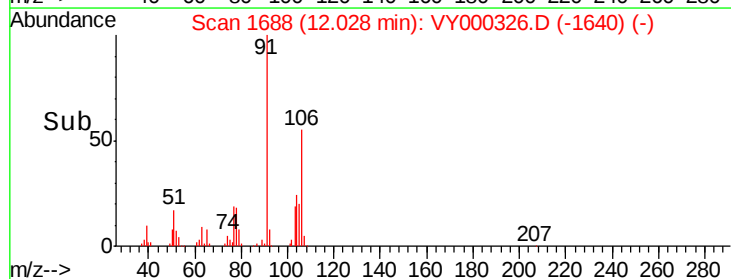
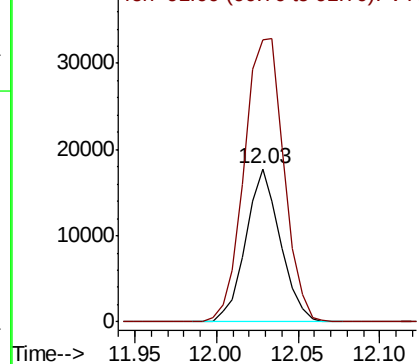


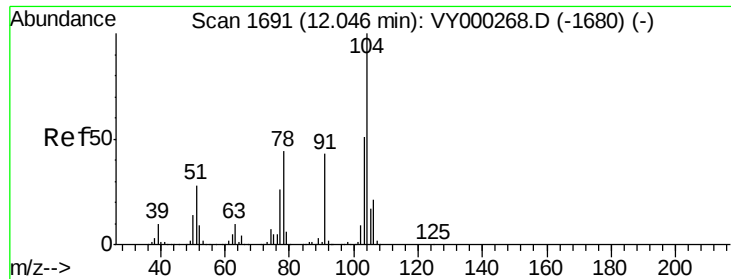
#69
o-Xylene
Concen: 4.255 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.01 min
Lab File: VY000326.D
Acq: 16 Oct 2019 13:48

Tgt Ion:106 Resp: 26219
Ion Ratio Lower Upper
106 100
91 212.5 104.7 313.9



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

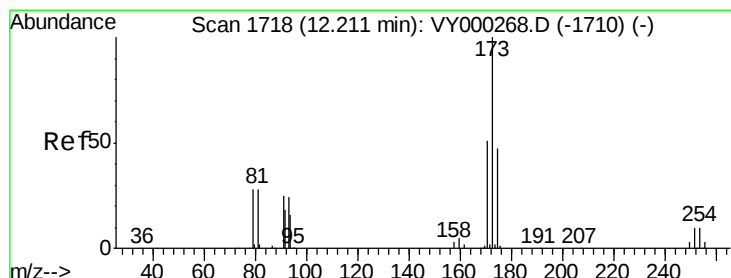
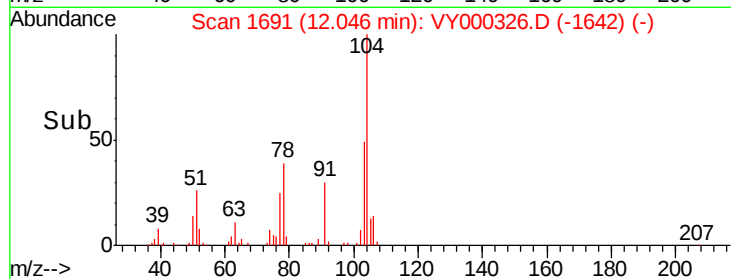
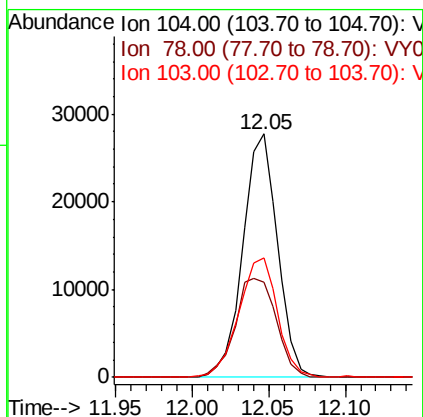
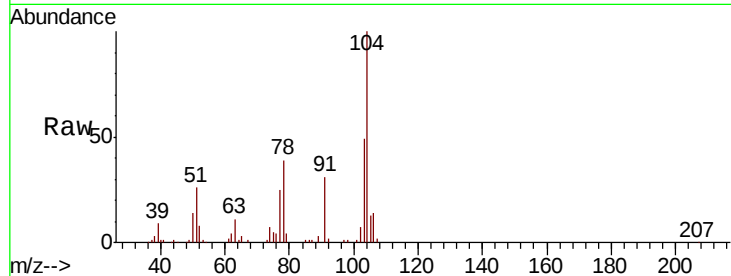




#70
Stvrene
Concen: 4.197 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. 0.00 min
Lab File: VY000326.D
Acq: 16 Oct 2019 13:48

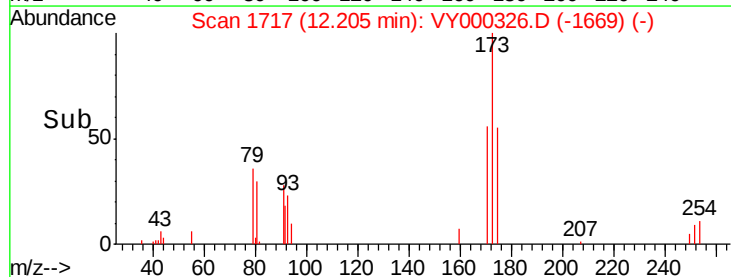
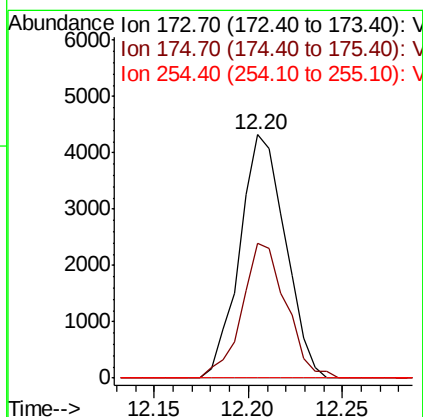
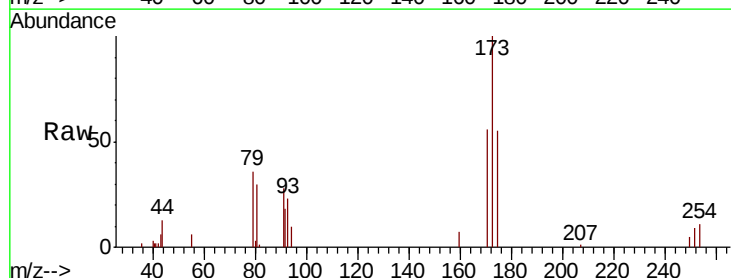
Instrument :
MSVOA_Y
ClientSampleId :

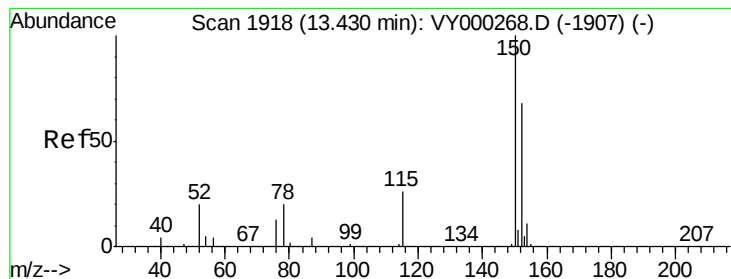
Tot Ion:104 Resp: 43622
Ion Ratio Lower Upper
104 100
78 48.5 39.0 58.6
103 54.4 43.1 64.7



#71
Bromoform
Concen: 3.945 ug/l
RT: 12.20 min Scan# 1717
Delta R.T. -0.01 min
Lab File: VY000326.D
Acq: 16 Oct 2019 13:48

Tgt Ion:173 Resp: 7262
Ion Ratio Lower Upper
173 100
175 53.6 24.6 73.6
254 0.0 0.1 0.1#



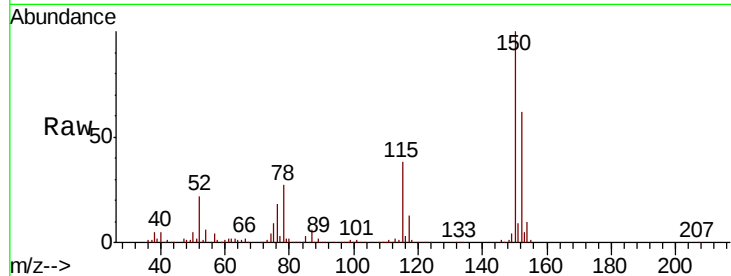


#72

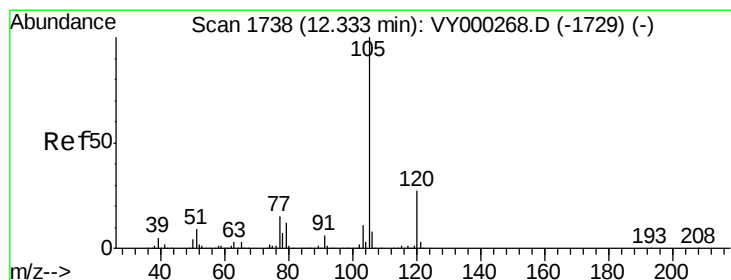
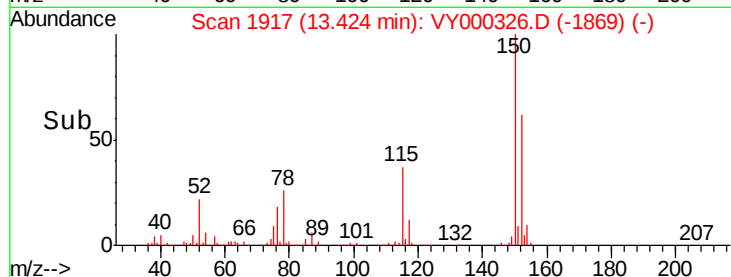
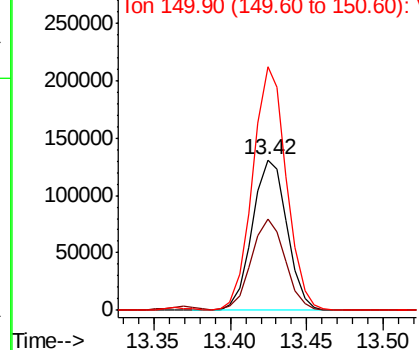
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.01 min
Lab File: VY000326.D
Acq: 16 Oct 2019 13:48

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
115	59.1	29.3	88.0
150	157.6	0.0	348.4



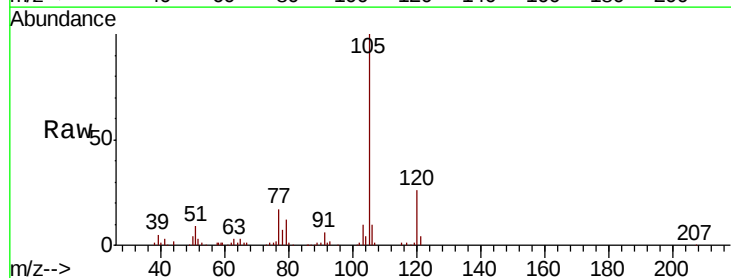
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



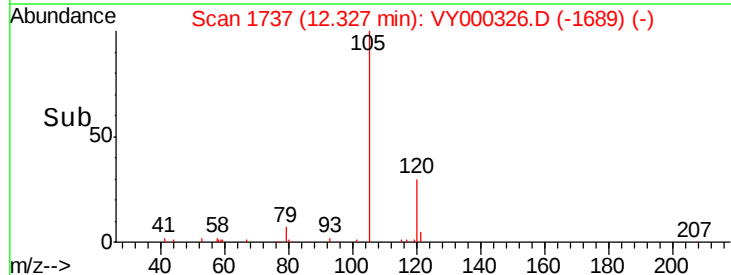
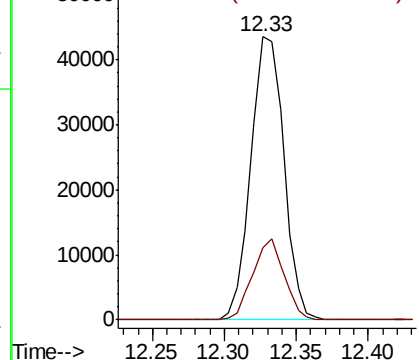
#73

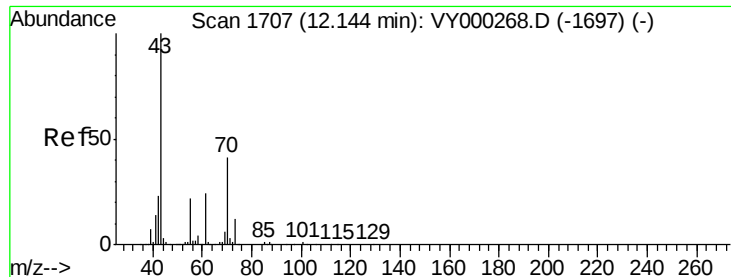
Isopropylbenzene
Concen: 4.293 ug/l
RT: 12.33 min Scan# 1737
Delta R.T. -0.01 min
Lab File: VY000326.D
Acq: 16 Oct 2019 13:48

Tgt Ion	Ratio	Lower	Upper
105	100		
120	27.1	13.4	40.2



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V

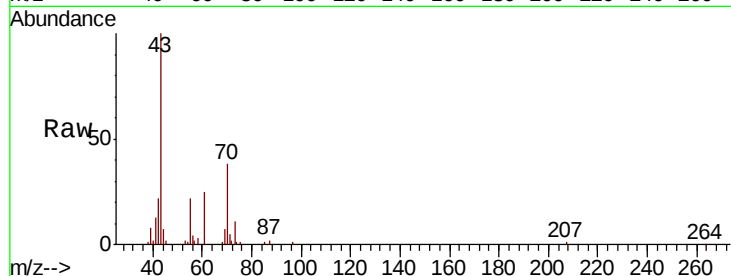




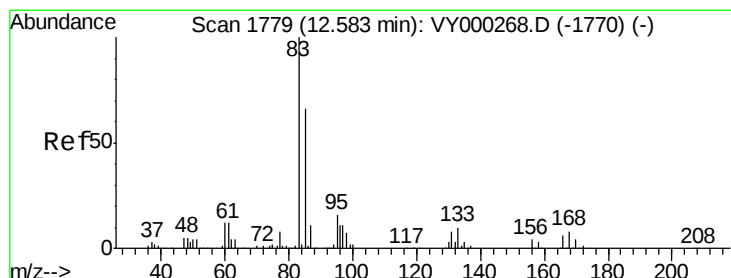
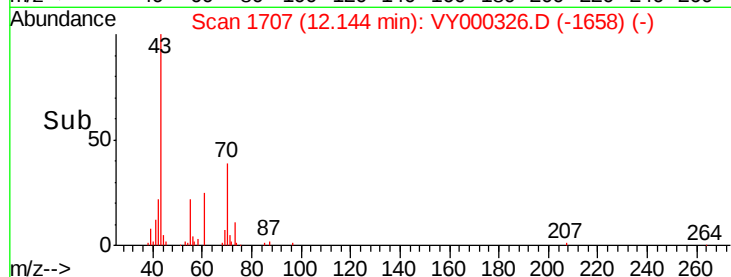
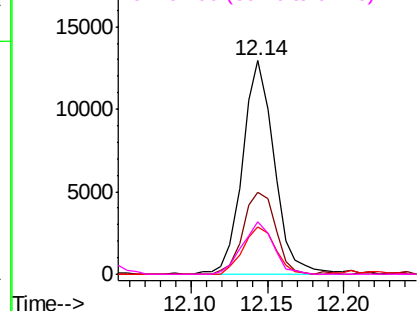
#74
N-amvl acetate
Concen: 4.734 ug/l
RT: 12.14 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VY000326.D
Acq: 16 Oct 2019 13:48

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:	43	Resp:	18691
Ion	Ratio	Lower	Upper
43	100		
70	39.0	32.9	49.3
55	22.3	17.8	26.6
61	23.9	19.5	29.3

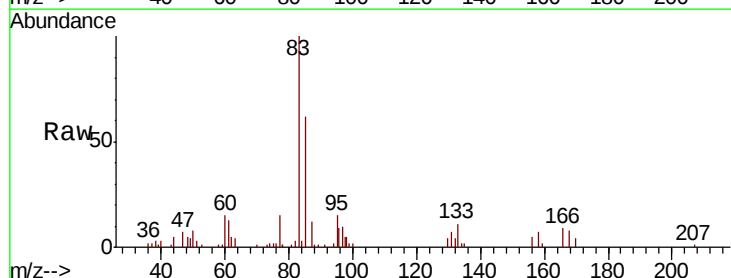


Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 70.00 (69.70 to 70.70): VY0
Ion 55.00 (54.70 to 55.70): VY0
Ion 61.00 (60.70 to 61.70): VY0

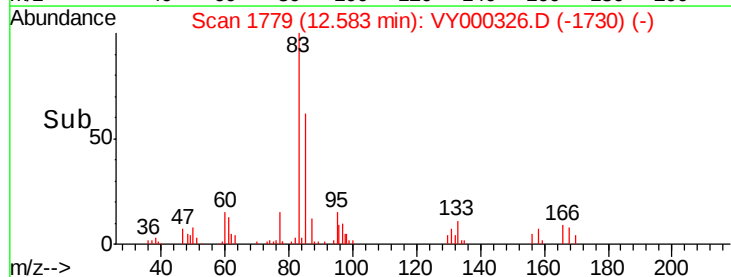
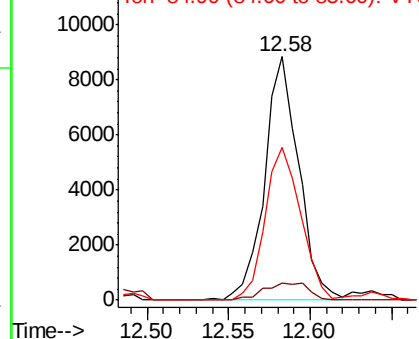


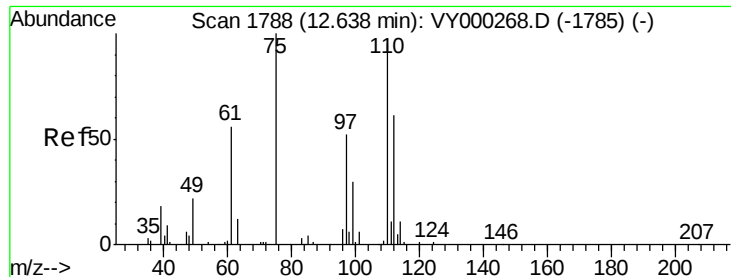
#75
1,1,2,2-Tetrachloroethane
Concen: 4.268 ug/l
RT: 12.58 min Scan# 1779
Delta R.T. 0.00 min
Lab File: VY000326.D
Acq: 16 Oct 2019 13:48

Tgt Ion:	83	Resp:	12886
Ion	Ratio	Lower	Upper
83	100		
131	9.3	5.3	16.1
85	65.4	32.9	98.7



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





#76

1,2,3-Trichloropropane

Concen: 7.735 ug/l

RT: 12.64 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VY000326.D

Acq: 16 Oct 2019 13:48

Instrument :

MSVOA_Y

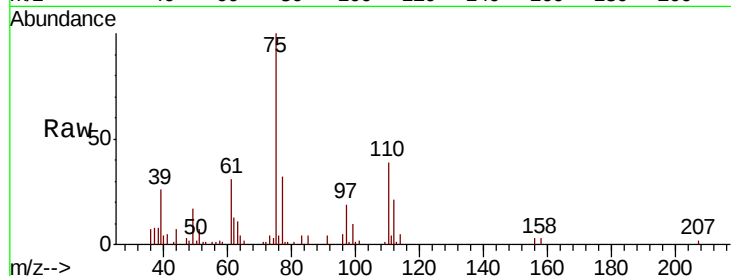
ClientSampleId :

Tot Ion: 75 Resp: 19616

Ion Ratio Lower Upper

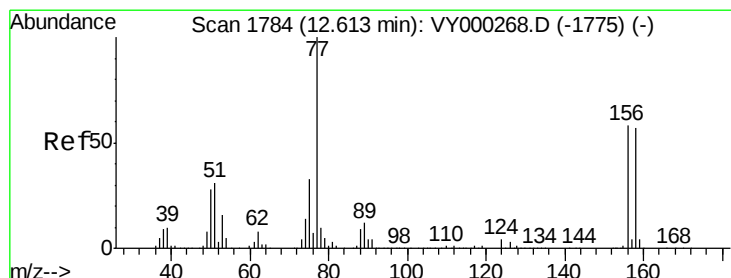
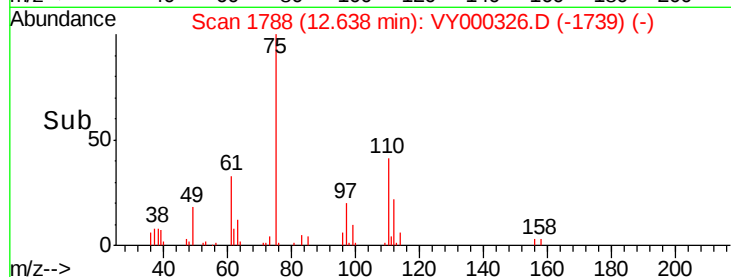
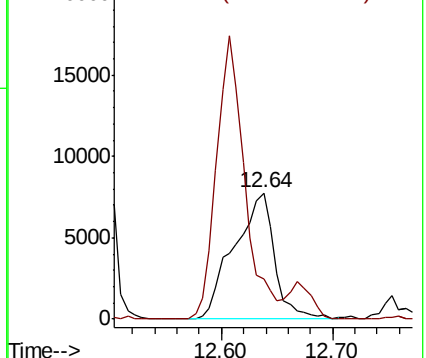
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0



#77

Bromobenzene

Concen: 4.443 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.01 min

Lab File: VY000326.D

Acq: 16 Oct 2019 13:48

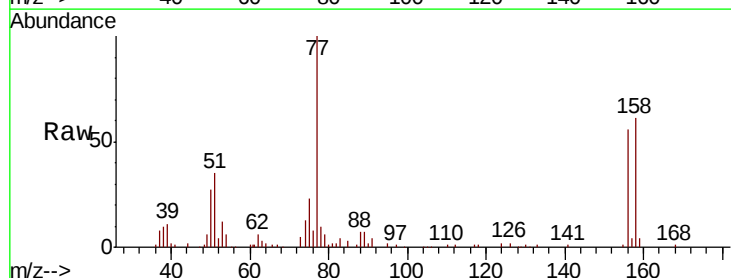
Tgt Ion: 156 Resp: 15898

Ion Ratio Lower Upper

156 100

77 192.0 101.0 302.9

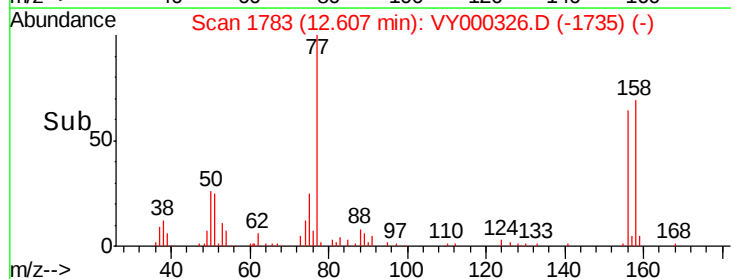
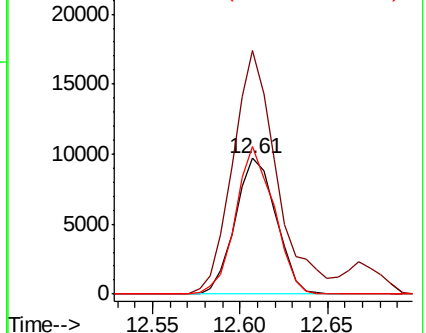
158 101.3 49.7 149.1

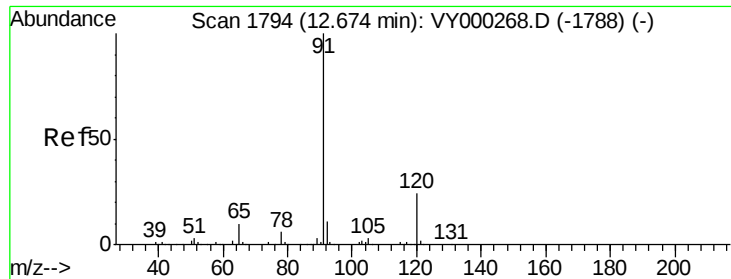


Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V





#78

n-propylbenzene

Concen: 4.385 ug/l

RT: 12.67 min Scan# 1794

Delta R.T. 0.00 min

Lab File: VY000326.D

Acq: 16 Oct 2019 13:48

Instrument :

MSVOA_Y

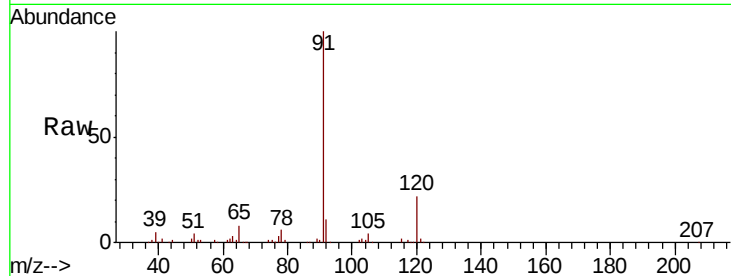
ClientSampled :

Tot Ion: 91 Resp: 84675

Ion Ratio Lower Upper

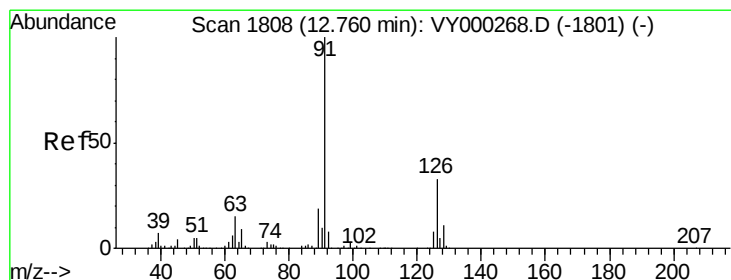
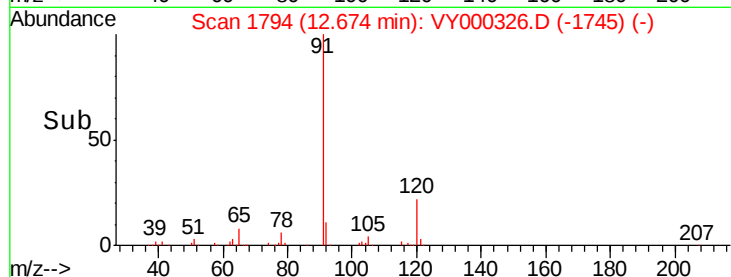
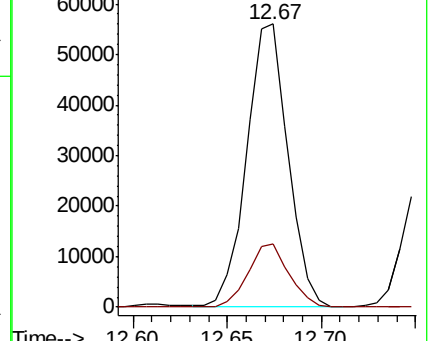
91 100

120 22.1 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 4.526 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. -0.01 min

Lab File: VY000326.D

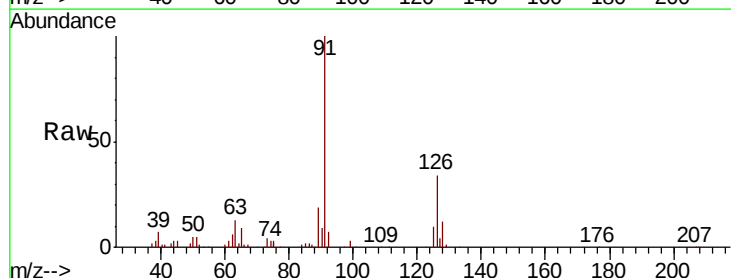
Acq: 16 Oct 2019 13:48

Tgt Ion: 91 Resp: 48256

Ion Ratio Lower Upper

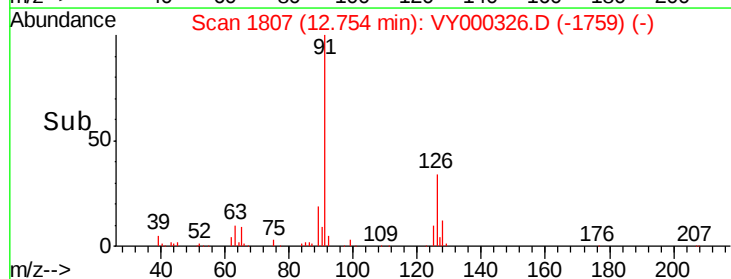
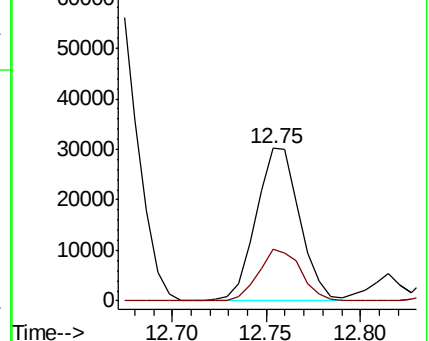
91 100

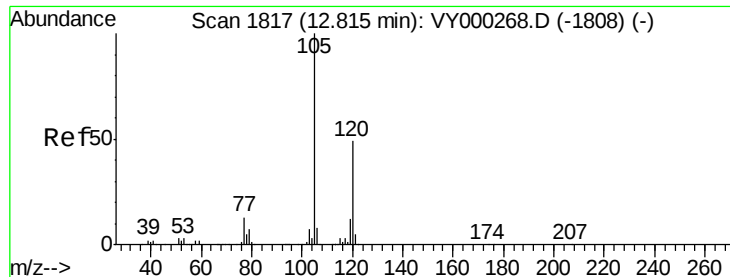
126 33.1 17.1 51.3



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V





#80

1,3,5-Trimethylbenzene

Concen: 4.310 ug/l

RT: 12.81 min Scan# 1817

Delta R.T. 0.00 min

Lab File: VY000326.D

Acq: 16 Oct 2019 13:48

Instrument :

MSVOA_Y

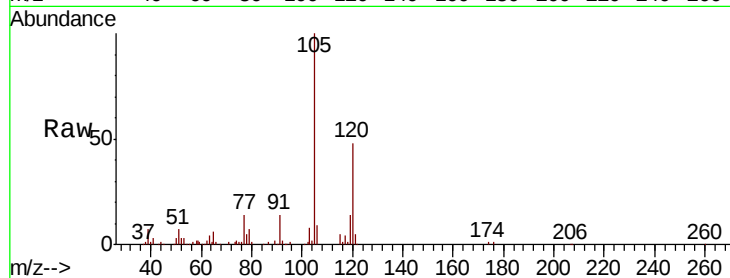
ClientSampled :

Tot Ion:105 Resp: 58115

Ion Ratio Lower Upper

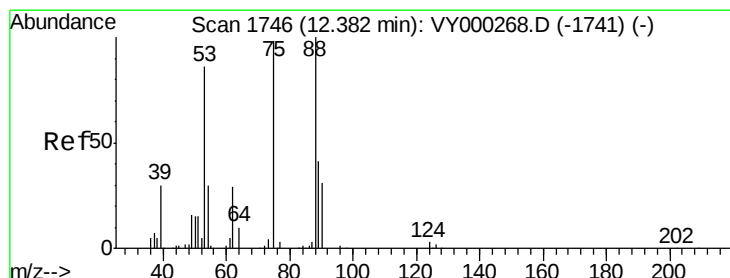
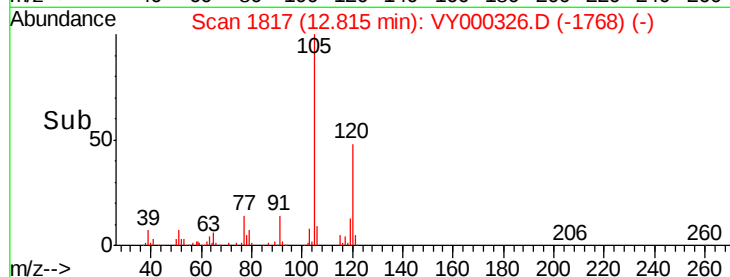
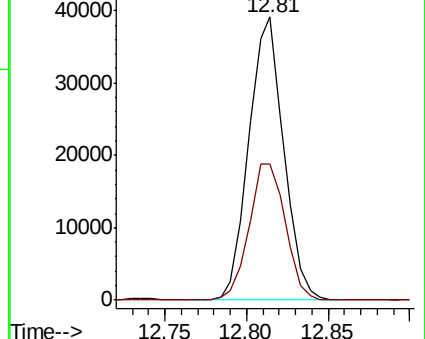
105 100

120 50.1 24.9 74.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 4.183 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. 0.00 min

Lab File: VY000326.D

Acq: 16 Oct 2019 13:48

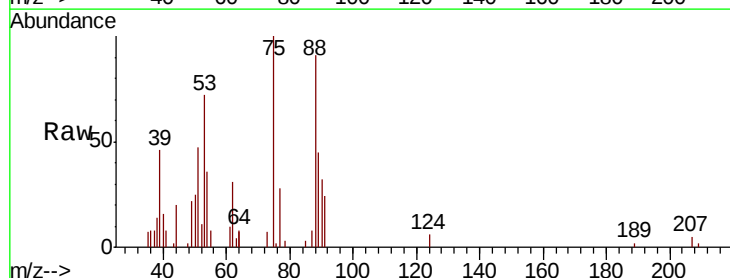
Tgt Ion: 75 Resp: 4849

Ion Ratio Lower Upper

75 100

53 83.9 71.3 106.9

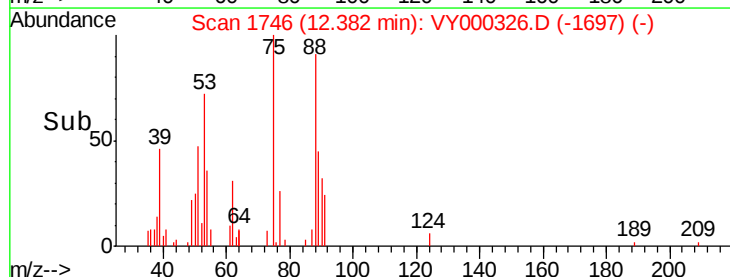
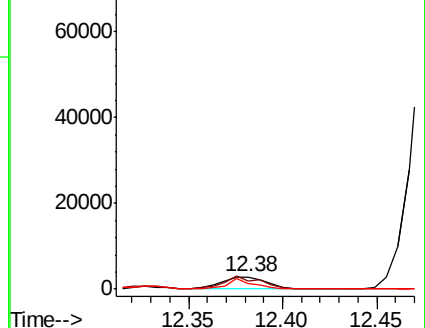
89 49.3 35.1 52.7

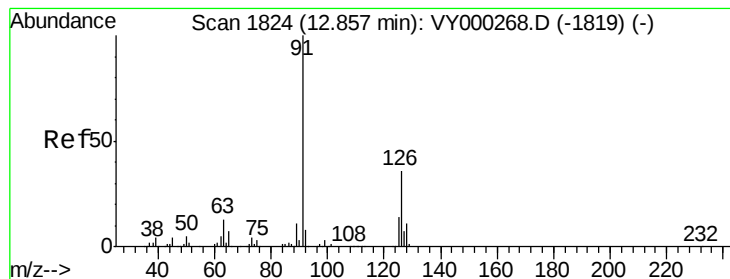


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 53.00 (52.70 to 53.70): VY0

Ion 88.90 (88.60 to 89.60): VY0





#82

4-Chlorotoluene

Concen: 4.398 ug/l

RT: 12.86 min Scan# 1824

Delta R.T. 0.00 min

Lab File: VY000326.D

Acq: 16 Oct 2019 13:48

Instrument :

MSVOA_Y

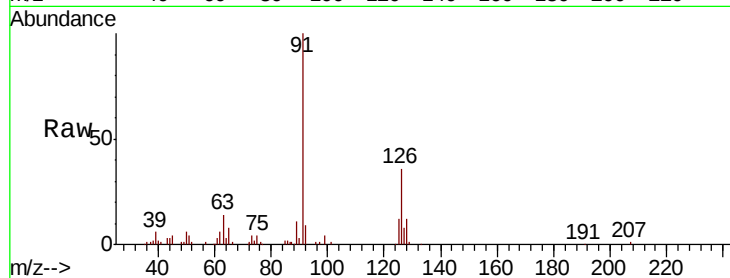
ClientSampleId :

Tot Ion: 91 Resp: 49572

Ion Ratio Lower Upper

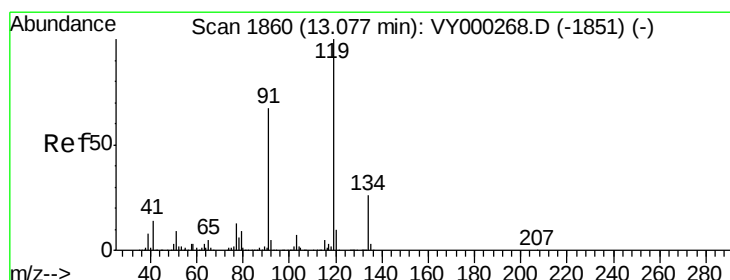
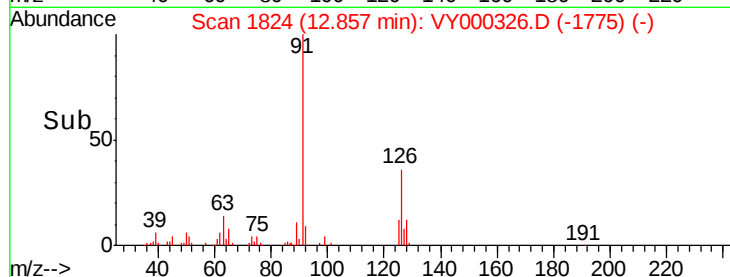
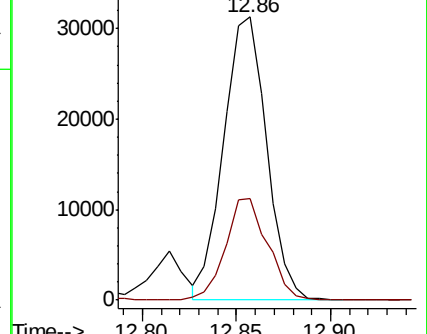
91 100

126 35.0 17.2 51.5



Abundance Ion 91.00 (90.70 to 91.70): VY000326.D (-1819) (-)

Ion 125.90 (125.60 to 126.60): VY000326.D (-1819) (-)



#83

tert-Butylbenzene

Concen: 4.412 ug/l

RT: 13.08 min Scan# 1860

Delta R.T. 0.00 min

Lab File: VY000326.D

Acq: 16 Oct 2019 13:48

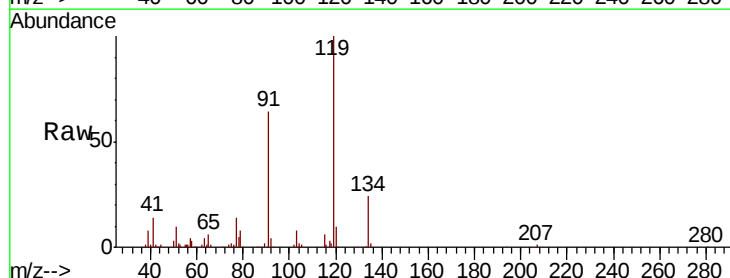
Tgt Ion: 119 Resp: 50383

Ion Ratio Lower Upper

119 100

91 64.9 32.9 98.7

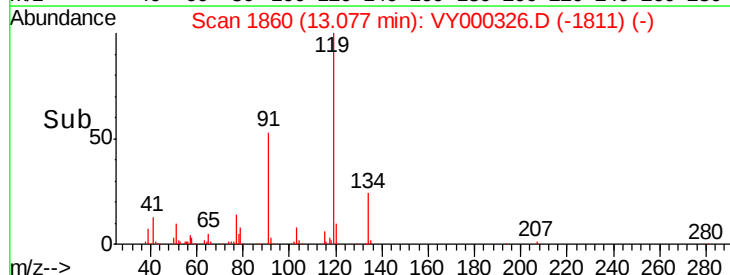
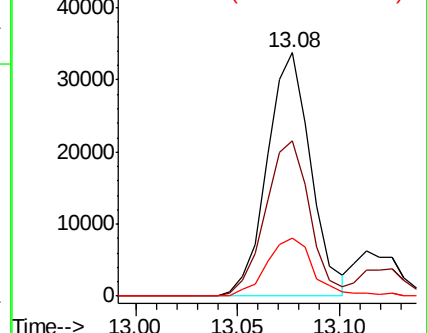
134 25.8 13.3 39.8

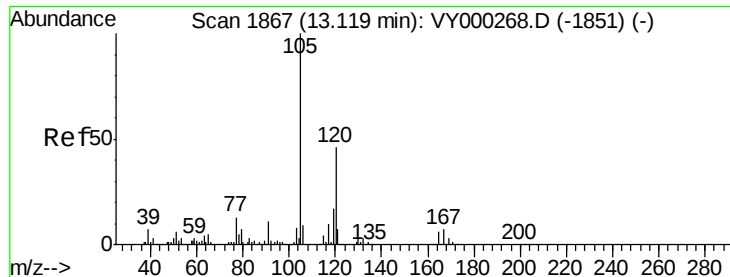


Abundance Ion 119.00 (118.70 to 119.70): VY000326.D (-1851) (-)

Ion 91.00 (90.70 to 91.70): VY000326.D (-1851) (-)

Ion 134.00 (133.70 to 134.70): VY000326.D (-1851) (-)

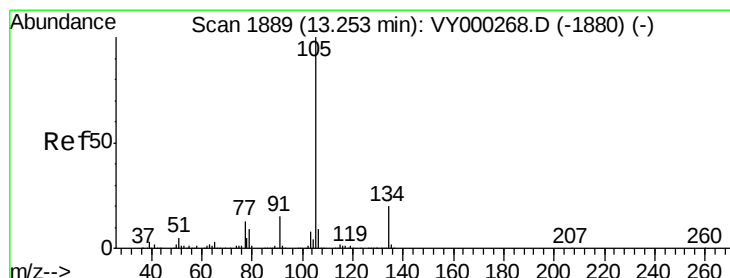
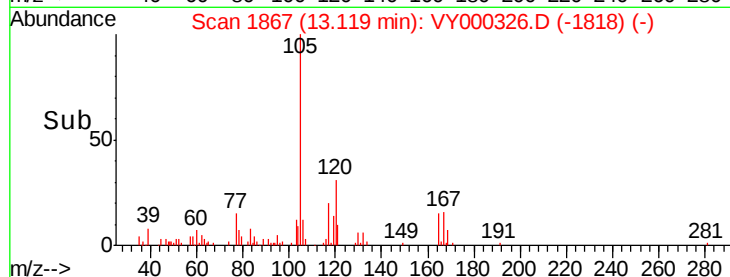
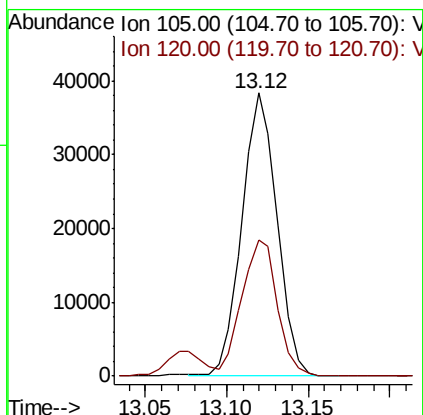
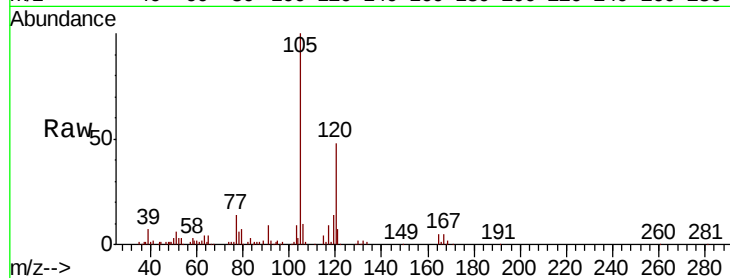




#84
 1,2,4-Trimethylbenzene
 Concen: 4.330 ug/l
 RT: 13.12 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VY000326.D
 Acq: 16 Oct 2019 13:48

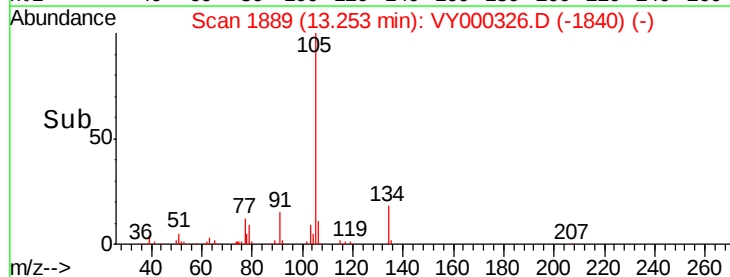
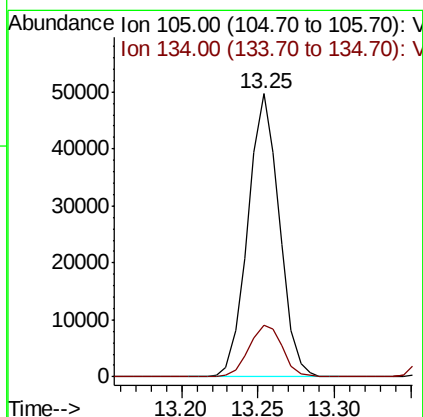
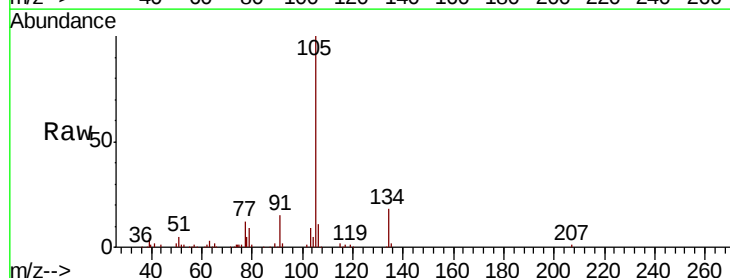
Instrument :
 MSVOA_Y
 ClientSampleId :

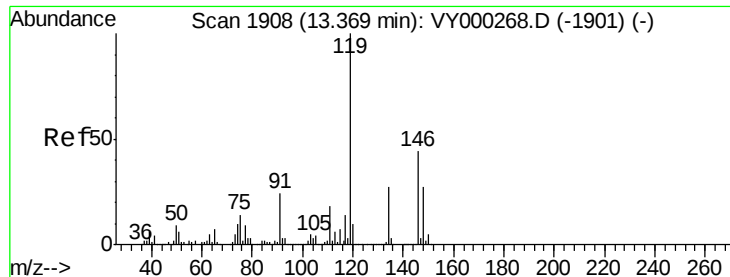
Tot Ion:105 Resp: 57622
 Ion Ratio Lower Upper
 105 100
 120 48.3 22.9 68.8



#85
 sec-Butylbenzene
 Concen: 4.289 ug/l
 RT: 13.25 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VY000326.D
 Acq: 16 Oct 2019 13:48

Tgt Ion:105 Resp: 70858
 Ion Ratio Lower Upper
 105 100
 134 19.6 10.1 30.1

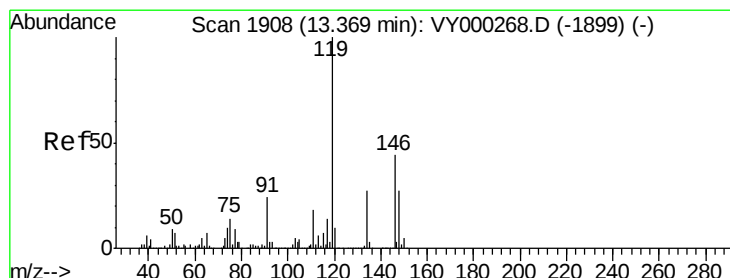
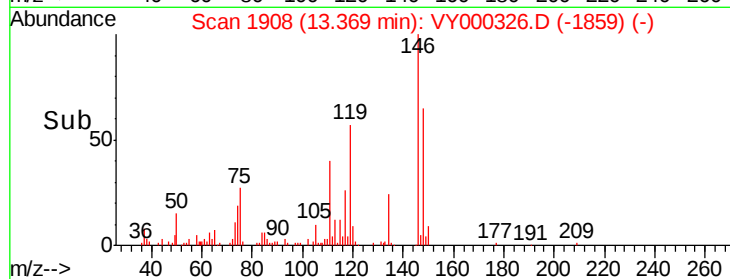
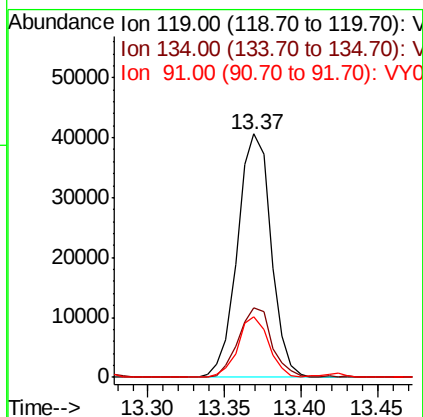
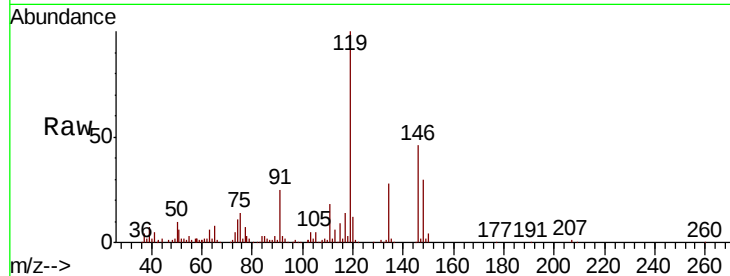




#86
 p-Isopropyltoluene
 Concen: 4.291 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. 0.00 min
 Lab File: VY000326.D
 Acq: 16 Oct 2019 13:48

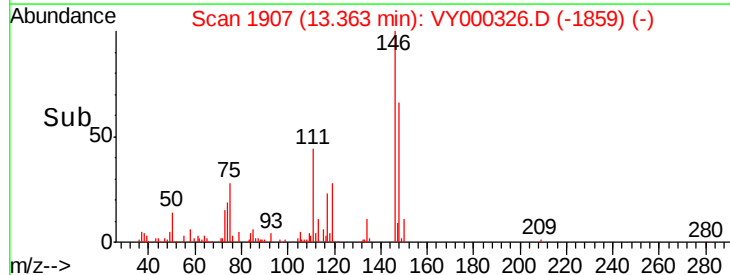
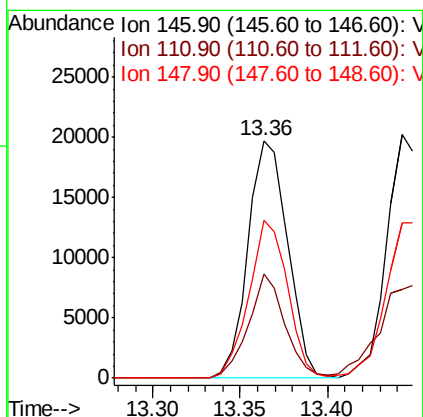
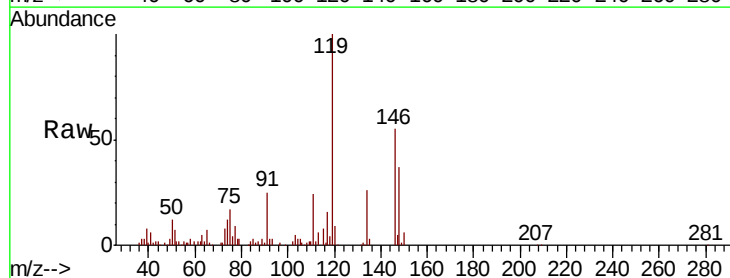
Instrument :
 MSVOA_Y
 ClientSampleId :

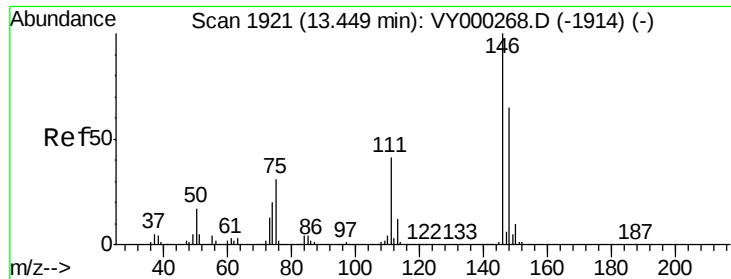
Tot Ion:119 Resp: 61795
 Ion Ratio Lower Upper
 119 100
 134 28.2 13.6 40.8
 91 22.8 12.0 36.1



#87
 1,3-Dichlorobenzene
 Concen: 4.410 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. -0.01 min
 Lab File: VY000326.D
 Acq: 16 Oct 2019 13:48

Tgt Ion:146 Resp: 31095
 Ion Ratio Lower Upper
 146 100
 111 40.3 20.6 61.8
 148 64.7 31.9 95.5

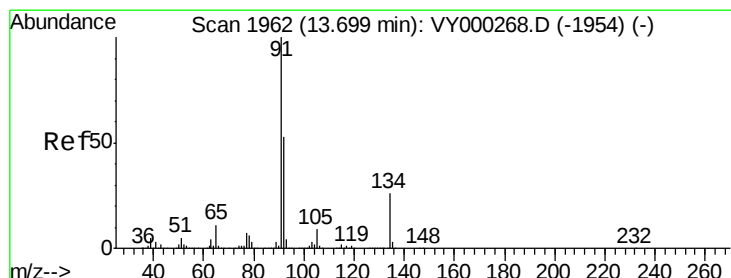
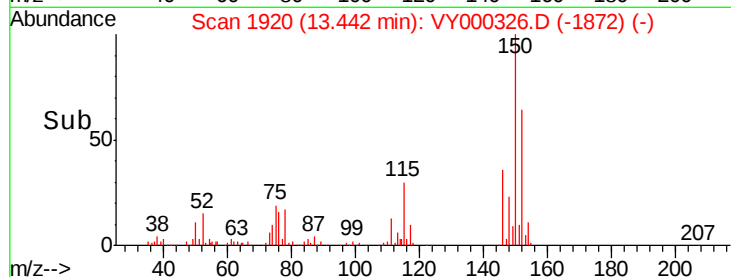
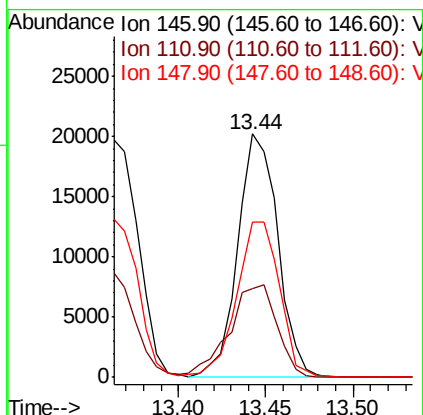
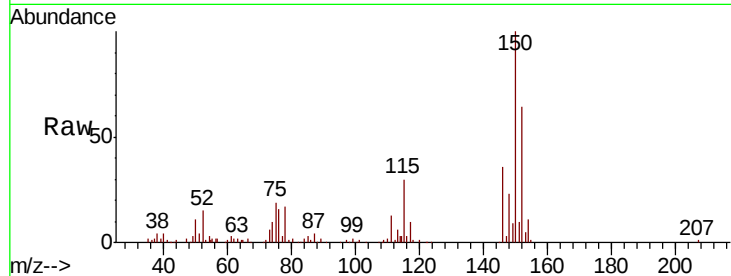




#88
 1,4-Dichlorobenzene
 Concen: 4.581 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. -0.01 min
 Lab File: VY000326.D
 Acq: 16 Oct 2019 13:48

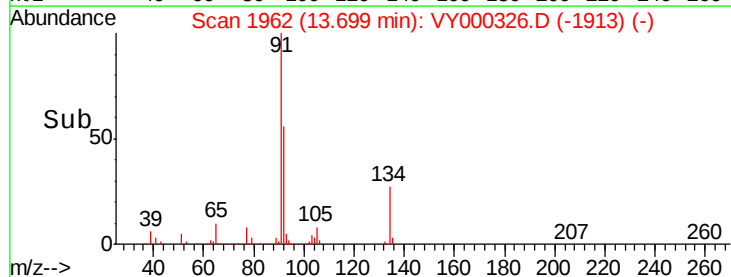
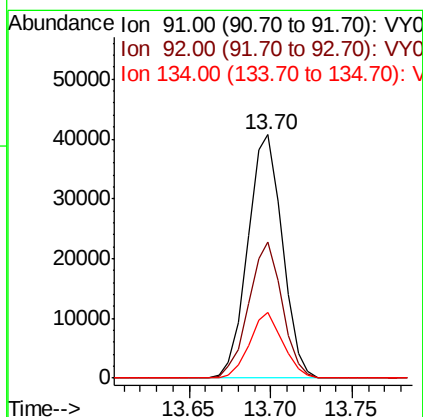
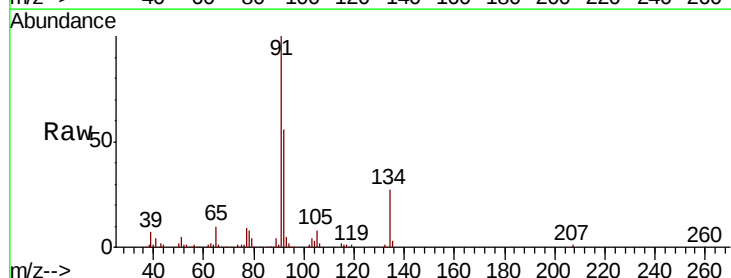
Instrument :
 MSVOA_Y
 ClientSampleId :

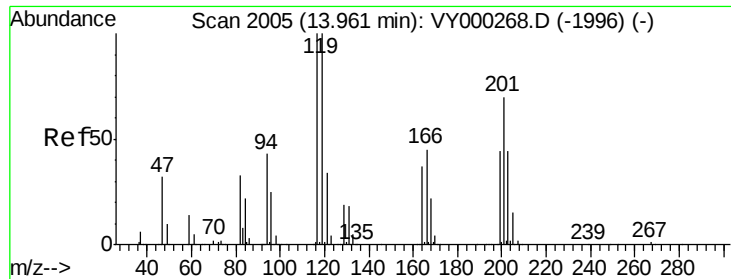
Tot Ion:146 Resp: 32284
 Ion Ratio Lower Upper
 146 100
 111 45.6 20.1 60.2
 148 68.5 32.4 97.2



#89
 n-Butylbenzene
 Concen: 4.216 ug/l
 RT: 13.70 min Scan# 1962
 Delta R.T. 0.00 min
 Lab File: VY000326.D
 Acq: 16 Oct 2019 13:48

Tgt Ion: 91 Resp: 59996
 Ion Ratio Lower Upper
 91 100
 92 54.2 26.7 80.1
 134 26.0 13.0 38.9





#90

Hexachloroethane

Concen: 4.376 ug/l

RT: 13.96 min Scan# 2005

Delta R.T. 0.00 min

Lab File: VY000326.D

Acq: 16 Oct 2019 13:48

Instrument :

MSVOA_Y

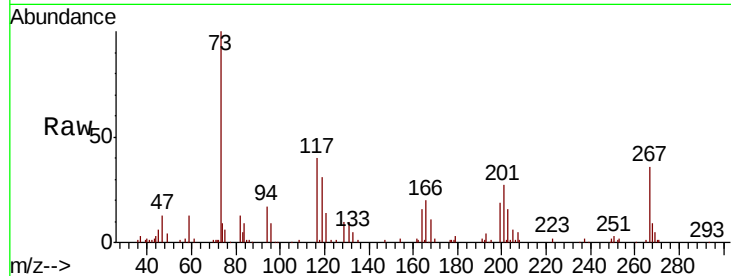
ClientSampleId :

Tot Ion:117 Resp: 11669

Ion Ratio Lower Upper

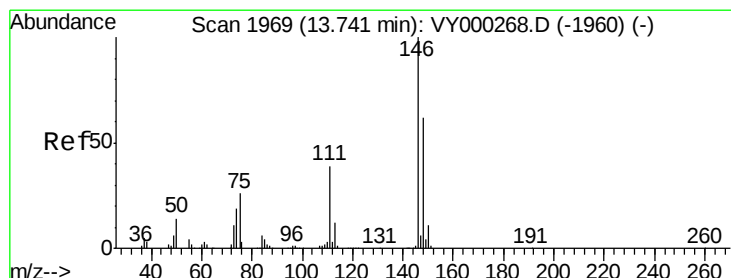
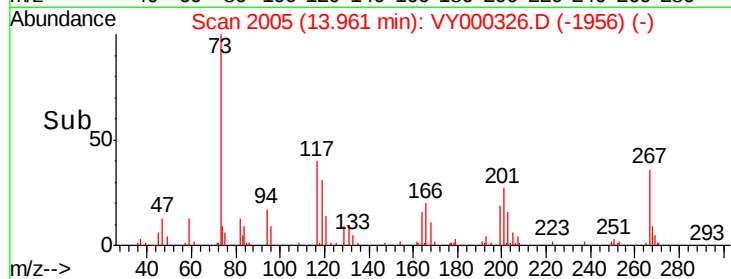
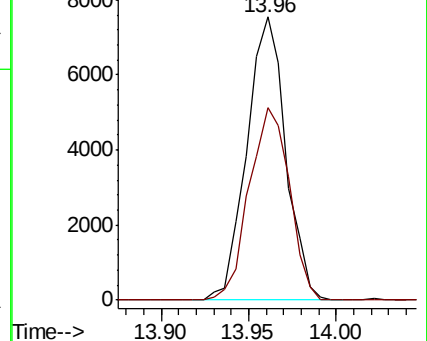
117 100

201 70.2 36.3 108.7



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#91

1,2-Dichlorobenzene

Concen: 4.658 ug/l

RT: 13.74 min Scan# 1968

Delta R.T. -0.01 min

Lab File: VY000326.D

Acq: 16 Oct 2019 13:48

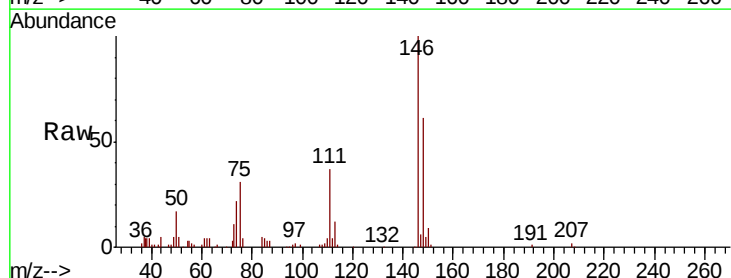
Tgt Ion:146 Resp: 29724

Ion Ratio Lower Upper

146 100

111 39.9 20.5 61.5

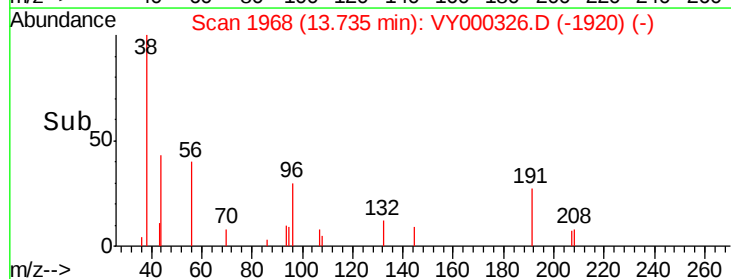
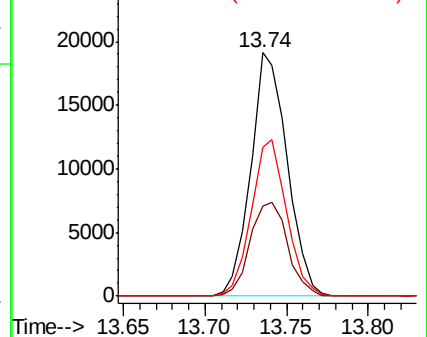
148 62.3 31.6 95.0

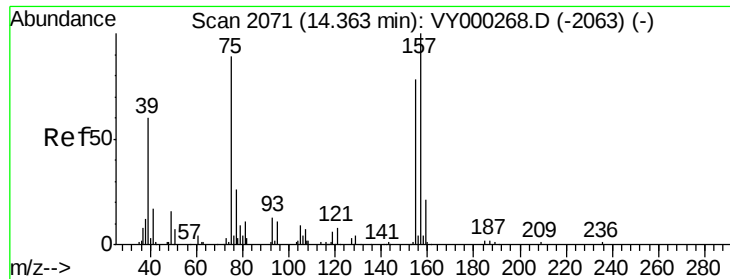


Abundance Ion 145.90 (145.60 to 146.60): V

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: 4.959 ug/l

RT: 14.36 min Scan# 2070

Delta R.T. -0.01 min

Lab File: VY000326.D

Acq: 16 Oct 2019 13:48

Instrument :

MSVOA_Y

ClientSampleId :

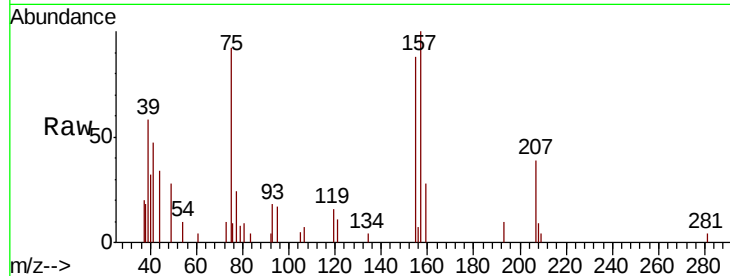
Tot Ion: 75 Resp: 2840

Ion	Ratio	Lower	Upper
75	100		
155	78.6	45.8	137.3
157	96.1	55.6	166.9

75 100

155 78.6 45.8 137.3

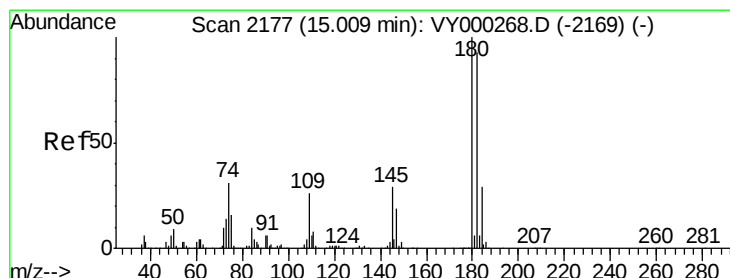
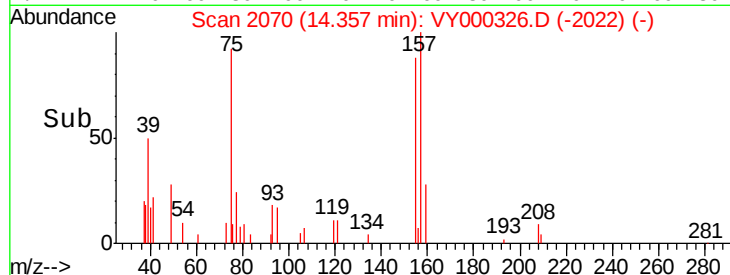
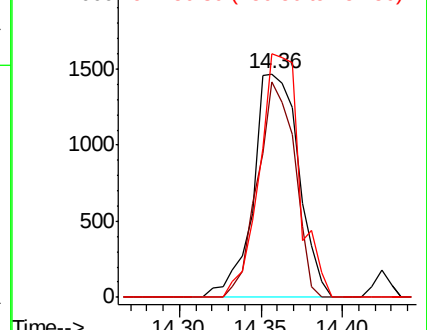
157 96.1 55.6 166.9



Abundance Ion 74.90 (74.60 to 75.60): VY000326.D (-2022) (-)

Ion 154.80 (154.50 to 155.50): VY000326.D (-2022) (-)

Ion 156.80 (156.50 to 157.50): VY000326.D (-2022) (-)



#93

1,2,4-Trichlorobenzene

Concen: 4.490 ug/l

RT: 15.00 min Scan# 2176

Delta R.T. -0.01 min

Lab File: VY000326.D

Acq: 16 Oct 2019 13:48

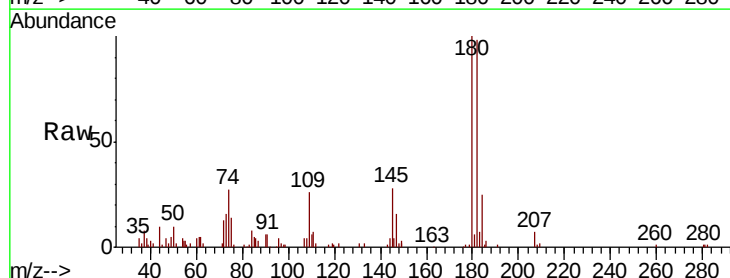
Tgt Ion: 180 Resp: 19945

Ion	Ratio	Lower	Upper
180	100		
182	95.8	47.5	142.6
145	29.8	15.4	46.1

180 100

182 95.8 47.5 142.6

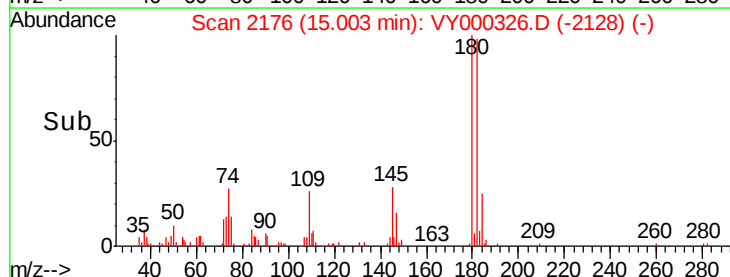
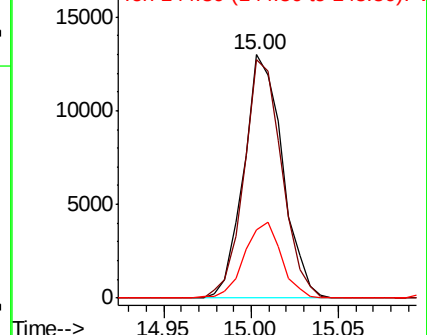
145 29.8 15.4 46.1

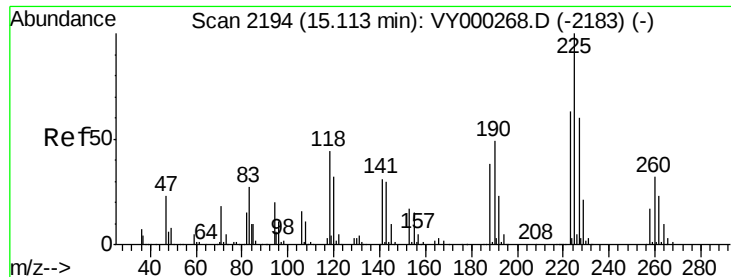


Abundance Ion 179.80 (179.50 to 180.50): VY000326.D (-2128) (-)

Ion 181.80 (181.50 to 182.50): VY000326.D (-2128) (-)

Ion 144.80 (144.50 to 145.50): VY000326.D (-2128) (-)

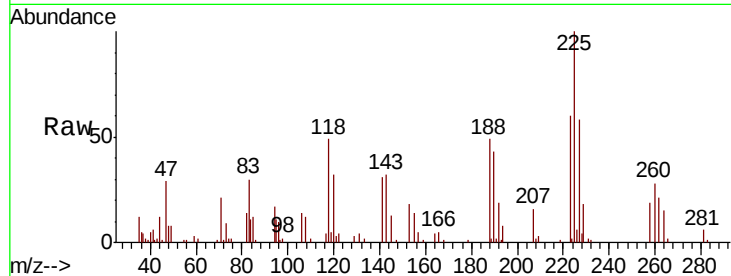




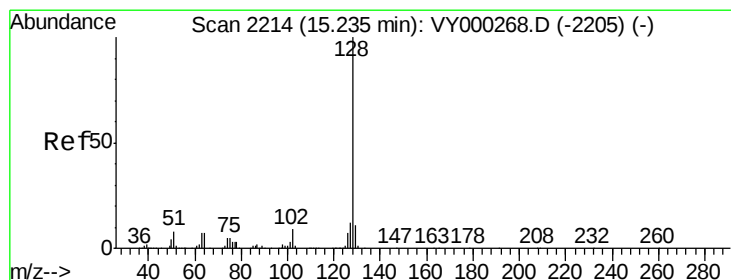
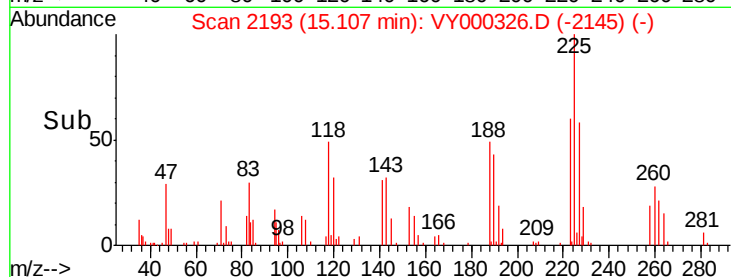
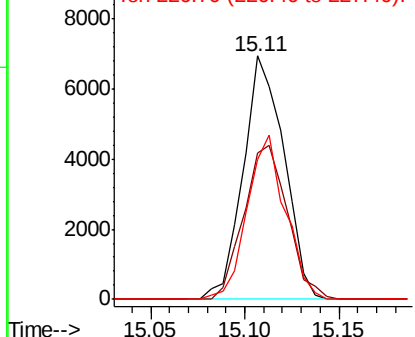
#94
Hexachlorobutadiene
Concen: 4.339 ug/l
RT: 15.11 min Scan# 2193
Delta R.T. -0.01 min
Lab File: VY000326.D
Acq: 16 Oct 2019 13:48

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:225 Resp: 10431
Ion Ratio Lower Upper
225 100
223 67.7 31.9 95.7
227 63.4 31.4 94.2

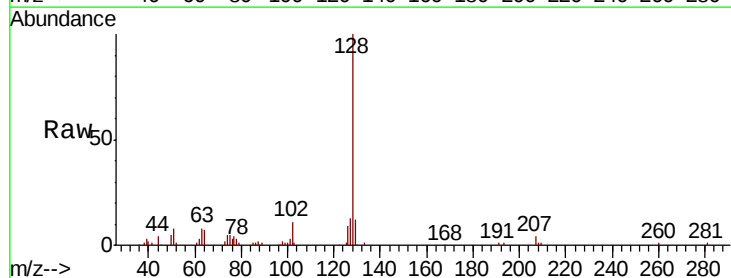


Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V

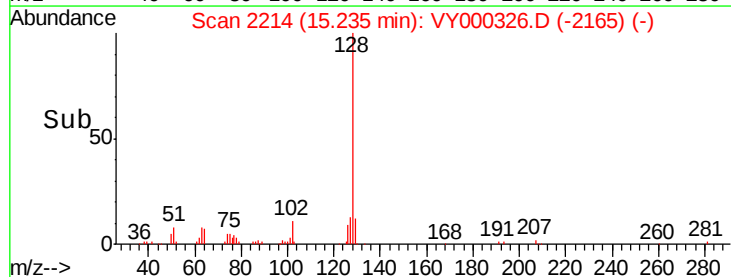
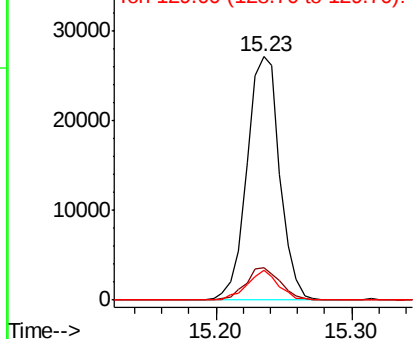


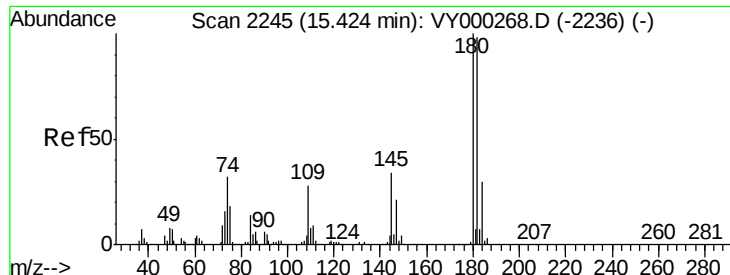
#95
Naphthalene
Concen: 4.628 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VY000326.D
Acq: 16 Oct 2019 13:48

Tgt Ion:128 Resp: 45884
Ion Ratio Lower Upper
128 100
127 13.8 9.6 14.4
129 11.5 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

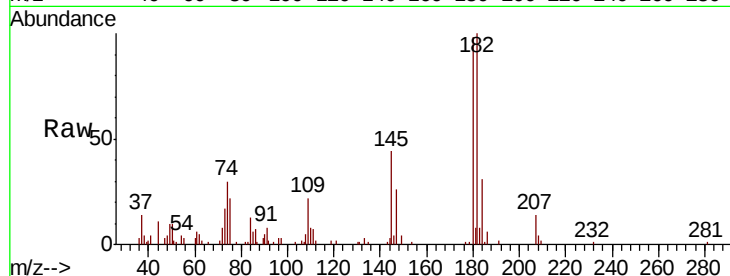




#96
 1,2,3-Trichlorobenzene
 Concen: 4.434 ug/l
 RT: 15.42 min Scan# 2245
 Delta R.T. 0.00 min
 Lab File: VY000326.D
 Acq: 16 Oct 2019 13:48

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.5	46.5	139.5
145	39.0	16.2	48.5



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

